



NASsoftware Limited
Incorporating InfoSAR

VSIPL Performance on Xeon

21 September 2010

1 Introduction

These tables show timings for the NAS VSIPL library, taken on a Xeon X5570-powered system at 2.93GHz. Times are in microseconds. For completeness we have included all service and scalar routines. These generally return a value of zero as they take a time lower than the sensitivity of the timer in our timing suite. They have been measured by averaging over a number of iterated calls to the routine. Times for the CSIPL library are essentially identical to these. Results are given for the following types of data:

- N:** Normal data, ie vectors are aligned on the most efficient memory boundaries, and elements are contiguous in memory (stride = 1). This will be the case in most DSP application codes.
- U:** Unaligned, ie contiguous vector data but not optimally aligned in memory.
- S:** Strided (ie not contiguous) data.

Timings for data of type U, S are illustrative: they will depend in detail on the actual stride and/or on the degree of misalignment. The library design treats all cases, as efficiently as possible.

2 Timings

processor X5570
 cycle time 2.93Ghz
 max threads used 4
 version Linux
 output is microseconds.

vsip_acos.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_arg.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_asin.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_atan2.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_atan.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockadmit.bl:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockadmit.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockadmit.i:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockadmit.mi:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockadmit.si:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockadmit.vi:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockbind.bl:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockbind.f:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockbind.i:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockbind.mi:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockbind.si:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

vsip_blockbind.vi:
 Type/n 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288

2 TIMINGS

	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockcreate.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0.999497
vsip_blockcreate.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0.999497
vsip_blockcreate.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0.999497
vsip_blockcreate.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockcreate.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockcreate.vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockdestroy.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0.998601	1.9972	2.00616
vsip_blockdestroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0.998601	1.9972	2.00616
vsip_blockdestroy.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vsip_blockdestroy.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	2.00616
vsip_blockdestroy.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	1.00308	2.00616
vsip_blockdestroy.vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vsip_blockfind.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockfind.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockfind.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockfind.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockfind.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockfind.vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_blockrebind.bl:														

2 TIMINGS

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrebind.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrebind.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrebind.mi:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrebind.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrebind.vi:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrelease.bl:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrelease.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrelease.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrelease.mi:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrelease.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_blockrelease.vi:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cadd.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cblockadmit.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cblockadmit.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cblockadmit.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cblockbind.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cblockbind.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_cblockbind.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

vsip_cblockcreate.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0.999721	0	0	0	0.999497
vsip_cblockcreate.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0.999721	0	0	0	0.999497
vsip_cblockcreate.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0.999721	1.00084	0.998601	0	0.999497
vsip_cblockdestroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	2.00392	1.99944	3.00028	3.00028	3.9944
vsip_cblockdestroy.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	2.00392	1.99944	3.00028	4.00336	3.9944
vsip_cblockdestroy.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	2.99133
vsip_cblockfind.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockfind.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockfind.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockrebind.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockrebind.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockrebind.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockrelease.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockrelease.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cblockrelease.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_ccfft2dip_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	81.9952	103.992	150.959	171.075	339.001	712.987	1346.21	3713.97	14592.8	27797.4	61393.8	130669	54811.1	109622
vsip_ccfft2dip.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
XY=N				5.0028	21.9703	106.913	517.213	2382.31						
XY=U				11.9997	45.0602	221.103	1204.59	2247.97						
XY=S				18.0171	67.0305	303.946	1710.61	3931.71						
XY=S				17.0025	68.0101	311.223	1764.34	4030.23						
vsip_ccfft2dop_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	81.9952	102.986	150.959	170.025	341.1	712.987	1349.01	3579.63	14564.8	27741.4	61528.2	130579	54721.6	109801

vsip_ccfft2dop.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N Y=N				5.0028	20.9908	110.272	575.427	2561.43						
X=U Y=U				11.9997	47.9989	236.216	1209.07	1961.38						
X=S Y=S				17.0025	68.0101	317.94	1851.67	4075.01						
X=S Y=S				17.0025	68.0101	334.733	1795.69	4110.83						
vsip_ccfftip_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	2.00068	2.99993	5.0028	5.99986	10.9852	21.9703	38.0633	127.904	643.717	1466.56	2955.5	6358.81	461.237	825.749
vsip_ccfftip.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
xy=N	0	0	0.997062	1.99412	3.98825	9.02603	21.9703	59.8937	593.339	1007.56	1061.29	1997.2	2140.5	4675.07
xy=U	0	0	0.997062	1.99412	5.0028	12.0347	29.9468	71.0888	660.51	1231.46	1146.38	2418.14	2561.43	6108.04
xy=S	0.999248	1.00143	2.00287	4.00574	8.99105	20.0112	48.9785	113.91	1007.56	903.443	1334.45	2633.08	3958.58	9242.66
xy=S	0	1.00143	2.00287	4.00574	8.99105	20.0112	45.0602	113.07	414.778	1106.07	1280.72	2498.74	3904.84	9350.13
vsip_ccfftmip_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	40.9976	51.9959	71.9809	82.0389	149.035	328.156	632.522	1810.8	7097.68	13747.6	30764.1	64931.5	27316	54811.1
vsip_ccfftmip.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
XY=N				3.00168	10.9992	46.0118	207.109	412.875						
XY=U				5.0028	13.9939	54.0163	241.814	456.759						
XY=S				8.01148	29.9468	122.026	519.452	1397.15						
XY=S				8.01148	29.9468	128.184	521.691	1218.02						
vsip_ccfftmop_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	40.9976	50.9901	73.0304	82.0389	147.985	328.156	629.723	1757.63	7058.5	13803.5	30719.3	65021	27495.1	55348.5
vsip_ccfftmop.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N Y=N				3.00168	10.9992	46.0118	223.902	309.88						
X=U Y=U				5.0028	18.0521	68.8497	306.745	368.99						
X=S Y=S				8.99105	41.002	134.901	579.905	1665.83						
X=S Y=S				8.99105	34.0051	138.259	584.383	1647.92						
vsip_ccfftop_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	2.99556	4.00137	5.99986	7.99399	11.9997	23.9995	39.0428	108.872	638.12	1466.56	2933.11	6314.03	460.342	818.584
vsip_ccfftop.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
x=N y=N	0	0	0.997062	1.99412	3.98825	10.0056	22.9499	59.054	555.836	1031.07	893.367	1822.56	2095.72	4890.01
x=U y=U	0	0	0.997062	1.99412	6.01736	13.9939	33.0255	80.0448	528.968	701.932	864.26	1746.43	2498.74	6842.43
x=S y=S	0.999248	1.00143	2.00287	4.00574	10.0056	21.9703	48.9785	104.954	733.278	844.109	1009.8	2342.01	3833.2	9977.06
x=S y=S	0.999248	1.00143	2.00287	4.00574	10.0056	21.9703	49.958	104.114	456.2	928.072	1043.38	2252.45	3448.08	9063.54
vsip_cchold_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cchold_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cchold.f:														
Type/(n*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
A=N				34.9846	180.521	1684.86	10008.4	48989.7						
A=U				34.0051	181.92	1673.66	10120.4	49974.8						
A=S				34.9846	183.319	1673.66	9986.01	50780.9						
A=S				34.9846	183.319	1690.46	9694.94	49795.7						
vsip_cchold_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_ccholsol.f:														
Type/(n*p)				32 ²	64 ²	128 ²	256 ²	512 ²						
XB=N				78.0157	626.924	3000.28	13299.8	82664.5						
XB=U				79.0653	635.321	2921.92	13232.6	81410.6						
XB=S				79.0653	558.355	2910.72	13322.1	82485.4						

XB=S		79.0653	562.553	2877.14	13299.8	82485.4								
vsip_ccorr1d_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	5.00717	6.99693	9.00854	11.0027	17.0025	34.9846	109.992	172.964	391.268	479.149	776.939	1921.08	3439.13	5301.99
vsip_ccorr1d_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0.999248	1.00143	0.997062	1.00056	1.00056	1.00056	13.0003	27.9877	27.9877	48.0269	92.0236	154.94	240.023	555.276
vsip_ccorr1d_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_ccorr2d_create.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N				45.8299	68.0101	133.221	573.188	2041.98						
X=U				45.8299	68.0101	133.221	559.754	2077.81						
vsip_ccorr2d_destroy.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N				8.01148	8.00448	9.01204	195.018	628.716						
X=U				6.99693	10.0056	10.0196	197.033	611.699						
vsip_ccorr2d_getattr.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N				0	0	0	0	0						
X=U				0	0	0	0	0						
vsip_ccorrelate1d.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
ref=N x=N y=N	0.999248	1.9985	5.0028	11.0027	23.9995	65.0014	141.338	341.45	2412.54	3212.99	5104.96	11195.1	17912.1	42630.9
ref=U x=U y=U	0.999248	1.9985	5.99986	11.0027	25.014	68.0101	145.536	372.236	2065.49	2843.55	5396.03	10254.7	16837.4	41197.9
ref=S x=S y=S	2.00068	2.99993	6.99693	15.0084	32.9905	88.1613	177.722	411.419	2104.68	2899.53	4993.01	10881.6	19345.1	44063.8
ref=S x=S y=S	2.00068	2.99993	6.99693	13.9939	38.8329	83.9631	169.326	450.602	2160.65	2843.55	5082.57	11687.7	19166	43347.4
vsip_ccorrelate2d.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
ref=N x=N y=N				53.8763	282.676	1382.59	5172.13	49258.4						
ref=U x=U y=U				54.9259	282.676	1399.39	5216.91	49437.5						
vsip_ccovsol.f:														
Type/(m*n*p)				32 ³	64 ³	128 ³	256 ³	512 ³						
A=N XB=N				201.511	1406.1	8956.06	35996.2	210475						
A=U XB=U				201.511	1406.1	8956.06	35938.9	210933						
A=S XB=S				201.511	1441.93	9099.36	35938.9	211850						
A=S XB=S				201.511	1468.79	9171.01	36397.4	212309						
vsip_cdiv.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_ceil.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cexp.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cfir_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
kernel=N	0.999248	9.00854	11.9822	19.9412	38.1332	76.2665	218.304	1584.1	2580.47	4701.93	8956.06	3851.11	8920.24	14473
kernel=U	0.999248	9.00854	13.0318	20.9908	39.8825	68.9897	173.524	1164.29	2362.16	4175.76	9000.84	3546.6	9045.62	15762.7
kernel=S	0.999248	10.0143	13.0318	22.9149	43.0311	76.2665	194.515	1270.64	2300.59	4366.08	9448.65	3371.96	9135.19	16228.4
kernel=S	0.999248	9.00854	13.0318	22.0403	40.932	77.6659	191.716	1158.69	2211.03	4466.84	9135.19	3036.11	9582.99	15852.2
vsip_cfir_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
kernel=N	0	1.00143	0.997062	1.00056	2.00112	5.0028	10.9992	94.8783	139.939	220.543	429.891	256.143	422.726	761.265
kernel=U	0	1.00143	0.997062	1.99412	2.00112	2.00112	2.00112	50.098	47.0193	216.065	454.52	262.86	446.012	766.639
kernel=S	0	1.00143	0.997062	1.99412	2.00112	2.00112	2.99468	50.098	104.114	239.575	465.715	270.921	485.419	739.771
kernel=S	0	1.00143	0.997062	1.99412	2.00112	2.00112	2.99468	43.1011	115.869	182.48	467.954	314.806	463.029	763.057
vsip_cfirflt.f:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
x=N y=N	5.00717	1.9985	3.99699	10.0056	25.014	57.0249	134.061	1010.36	1718.44	1735.24	3604.82	4048.14	13434.1	21494.6
x=U y=U	5.00717	1.9985	3.99699	10.0056	22.9849	58.0045	146.935	856.424	1483.35	1858.38	3268.96	4339.21	11195.1	20957.2
x=S y=S	5.00717	2.99993	5.99986	12.9968	32.0109	68.9897	159.53	920.795	1802.41	1914.36	3671.99	5194.52	13075.9	25614.3
x=S y=S	5.00717	2.99993	5.99986	12.9968	32.0109	68.9897	166.527	945.984	1763.23	1746.43	3806.33	5149.74	13792.3	20598.9
vsip_cfir_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
kernel=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kernel=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kernel=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kernel=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cfir_reset.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
x=N y=N	9.99248	4.00137	8.00273	20.9908	50.028	114.05	268.682	1794.01	3380.91	3873.5	7299.19	9896.45	22748.4	43168.2
x=U y=U	9.99248	4.00137	8.00273	19.9412	45.8299	114.75	298.069	1967.54	3078.65	3414.5	6918.56	8194.8	23196.2	27584.7
x=S y=S	10.9983	5.99112	13.0318	27.9877	66.1209	146.236	320.459	1824.8	3498.46	4007.84	7209.63	10209.9	21136.3	36182.5
x=S y=S	10.9983	5.99112	13.0318	26.9382	64.0219	139.939	319.06	1872.38	3476.07	4198.16	7455.92	10299.5	21405	35645.1
vsip_cgemp.f:														
Type/(m*n*p)				32*3	64*3	128*3	256*3	512*3						
A=N B=N R=N				33.0255	137.923	909.936	5273.33	46313.6						
A=U B=U R=U				36.0482	171.061	1003.08	6419.71	60528.7						
A=S B=S R=S				63.0283	226.588	1590.6	13412.6	121516						
A=S B=S R=S				63.0283	231.962	1554.77	13699.2	120140						
vsip_cgems.f:														
Type/(m*n)				32*2	64*2	128*2	256*2	512*2						
A=N C=N				2.00112	8.00448	32.0179	100.084	199.72						
A=U C=U				2.00112	8.99805	28.9953	60.0056	249.874						
A=S C=S				6.99693	26.0286	54.0163	167.926	1791.21						
A=S C=S				6.99693	26.0286	49.986	165.015	1827.04						
vsip_chold_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_chold_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_chold.f:														
Type/(n*n)				32*2	64*2	128*2	256*2	512*2						
A=N				13.0143	62.9723	380.073	2214.39	11105.5						
A=U				11.9997	61.0132	382.872	2261.41	11732.4						
A=S				13.9939	68.0101	356.004	2057.66	14061						
A=S				13.9939	66.051	340.89	2118.11	14240.1						
vsip_chold_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cholsol.f:														
Type/(n*p)				32*2	64*2	128*2	256*2	512*2						
XB=N				25.014	149.734	973.972	5306.47	30898.4						
XB=U				25.9936	188.917	890.009	5284.08	38690.2						
XB=S				30.0168	153.932	822.838	5149.74	31614.9						
XB=S				30.0168	152.533	822.838	4746.71	31883.6						
vsip_cjmul.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_ellsqsol.f:														
Type/(m*n*p)				32*3	64*3	128*3	256*3	512*3						
A=N XB=N				295.55	2033.03	12180.2	53650.4	259998						
A=U XB=U				298.909	1943.47	11320.5	47402.7	260457						
A=S XB=S				305.626	1970.33	11392.1	47574.6	262749						
A=S XB=S				305.626	1961.38	11320.5	47746.6	263208						
vsip_clud_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	2.00392	0	2.00168	1.9972	2.00616

vsip_clud_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vsip_clud.f:														
Type/(n*n)				32^2	64^2	128^2	256^2	512^2						
A=N				64.0219	410.02	2071.09	10030.8	38690.2						
A=U				60.8732	410.02	1919.96	8329.14	38958.9						
A=S				64.0219	410.02	2054.3	8485.87	39944						
A=S				60.8732	405.822	1908.76	8597.82	39764.9						
vsip_clud_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_clusol.f:														
Type/(n*p)				32^2	64^2	128^2	256^2	512^2						
XB=N				74.1674	624.126	2781.98	9918.84	60274.3						
XB=U				74.8671	523.37	2227.82	10030.8	60363.9						
XB=S				74.8671	538.763	2278.2	10030.8	62155.1						
XB=S				74.8671	547.16	2255.81	10030.8	62334.2						
vsip_cmadd.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N B=N R=N				1.00056	4.00224	25.021	57.0949	205.094						
A=U B=U R=U				1.00056	4.9958	16.009	75.9026	207.781						
A=S B=S R=S				5.0028	20.9908	54.0163	288.833	2292.75						
A=S B=S R=S				5.0028	20.9908	53.0087	300.028	2194.24						
vsip_cmag.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmag_sq.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmalldestroy.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	1.99944	3.00028						
matrix=U				0	0	0	1.99944	3.00028						
matrix=S				0	0	0	0	3.00028						
matrix=S				0	0	0	0	3.00028						
vsip_cmalldestroy_i:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	1.99944	3.00028						
matrix=U				0	0	0	1.99944	3.00028						
matrix=S				0	0	0	0	3.00028						
matrix=S				0	0	0	0	3.00028						
vsip_cmalldestroy_si:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	0	3.00028						
matrix=U				0	0	0	0	3.00028						
matrix=S				0	0	0	0	3.00028						
matrix=S				0	0	0	1.00084	3.00028						
vsip_cmbind.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmbind_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmbind_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmcloneview.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	0	0						
matrix=U				0	0	0	0	0						
matrix=S				0	0	0	0	0						

matrix=S		0	0	0	0	0													
vsip_cmcloneview_i:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
matrix=N		0	0	0	0	0													
matrix=U		0	0	0	0	0													
matrix=S		0	0	0	0	0													
matrix=S		0	0	0	0	0													
vsip_cmcloneview_si:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
matrix=N		0	0	0	0	0													
matrix=U		0	0	0	0	0													
matrix=S		0	0	0	0	0													
matrix=S		0	0	0	0	0													
vsip_cmcolview_f:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
matrix=N		0	0	0	0	0													
matrix=U		0	0	0	0	0													
matrix=S		0	0	0	0	0													
matrix=S		0	0	0	0	0													
vsip_cmcolview_i:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
matrix=N		0	0	0	0	0													
matrix=U		0	0	0	0	0													
matrix=S		0	0	0	0	0													
matrix=S		0	0	0	0	0													
vsip_cmcolview_si:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
matrix=N		0	0	0	0	0													
matrix=U		0	0	0	0	0													
matrix=S		0	0	0	0	0													
matrix=S		0	0	0	0	0													
vsip_cmconj_f:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
A=N R=N		0	4.00224	12.9863	51.9452	120.907													
A=U R=U		0	2.99468	15.0014	45.0042	146.879													
A=S R=S		3.00168	15.953	68.8497	178.002	1540.44													
A=S R=S		3.00168	15.953	69.9693	171.956	1540.44													
vsip_cmcopy_f.f:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
A=N R=N		1.00056	2.99468	15.0014	49.9301	217.632													
A=U R=U		1.00056	4.00224	18.0241	81.948	366.303													
A=S R=S		3.00168	16.9326	69.9693	286.594	2516.65													
A=S R=S		3.00168	16.9326	69.9693	286.594	2812.2													
vsip_cmcreate.f:																			
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288					
	0	1.00143	0.997062	1.00056	1.00056	1.00056	2.99468	2.00112	0	3.00028	1.00084	0.998601	1.00308	3.9944					
vsip_cmcreate.i:																			
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288					
	0	1.00143	0.997062	1.00056	1.00056	1.00056	2.99468	2.00112	1.00196	3.99664	1.00084	0.998601	0	3.9944					
vsip_cmcreate.si:																			
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288					
	0	1.00143	0.997062	1.00056	1.00056	1.00056	2.99468	0.999161	0	0.999721	1.00084	0.998601	0	3.9944					
vsip_cmcumsum.f:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
A=N B=N		2.00112	6.00336	23.0059	90.0084	354.66													
A=U B=U		2.00112	6.00336	20.9908	92.9192	317.94													
A=S B=S		3.98825	15.953	69.9693	297.789	2364.4													
A=S B=S		3.98825	15.953	75.007	306.745	2919.68													
vsip_cmcumsum.i:																			
Type/(m*n)		32^2	64^2	128^2	256^2	512^2													
A=N B=N		3.00168	10.9992	45.0042	171.956	686.93													
A=U B=U		3.00168	10.9992	43.9967	177.106	685.139													
A=S B=S		5.0028	21.9703	72.768	304.506	2973.41													

A=S B=S	5.0028	21.9703	96.2777	306.745	2973.41
vsip_cmdestroy.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmdestroy.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmdestroy_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmdiagview.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmdiagview.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmdiagview_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmdiv.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	1.00056	4.9958	25.021	68.0661	217.632
A=U B=U R=U	1.00056	4.9958	25.021	70.0812	136.132
A=S B=S R=S	5.0028	21.9703	62.1327	458.998	2086.76
A=S B=S R=S	5.0028	21.9703	55.9754	438.847	2033.03
vsip_cmexp.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	6.99693	29.9468	52.0011	184.047	491.688
A=U R=U	6.99693	20.0112	53.0087	177.106	523.034
A=S R=S	8.99105	21.9703	55.9754	212.93	1674.78
A=S R=S	8.99105	21.9703	67.7302	212.035	1683.74
vsip_cmexpoavg.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	1.00056	2.99468	10.0196	47.9149	199.72
A=U B=U	1.00056	2.99468	12.9863	55.0798	219.424
A=S B=S	3.98825	15.953	64.9315	282.116	2221.1
A=S B=S	3.98825	15.953	67.1705	277.638	2212.15
vsip_cmfill.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
R=N	0	2.00112	11.9787	44.1086	89.0233
R=U	0	2.00112	11.9787	51.0496	100.308
R=S	2.00112	6.00336	47.0193	109.936	832.018
R=S	2.00112	6.00336	48.0269	120.907	851.722
vsip_cmgather.f:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	0	0	1.00308	0.997347	2.99892

A=U B=U R=U	0	0	1.00308	0.997347	2.99892
A=S B=S R=S	0	0	1.00308	2.00043	6.00701
A=S B=S R=S	0	0	1.00308	2.00043	7.01582
vsip_cmgetattrib.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetattrib.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetattrib.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetblock.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetblock.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetblock.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetcollength.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetcollength.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetcollength.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetcolstride.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetcolstride.i:					

Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetcolstride_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmget_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmget_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetoffset_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetoffset_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetoffset_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetrowlength_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetrowlength_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetrowlength_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetrowstride_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0

vsip_cmgetrowstride.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmgetrowstride.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmget.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmherm.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	4.00224	19.9832	130.087	582.144
A=U R=U	1.00056	4.9958	25.021	139.043	688.721
A=S R=S	3.98825	16.9326	63.812	380.633	3940.67
A=S R=S	3.98825	16.9326	63.812	331.374	3931.71
vsip_cminvlu.f:					
Type/(n*n)	32^2	64^2	128^2	256^2	512^2
A=N V=N R=N	142.038	1109.71	5082.57	23196.2	100845
A=U V=U R=U	138.889	1078.93	4293.31	18785.3	100845
vsip_cmjmul.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	1.00056	4.00224	18.9757	66.9466	296.446
A=U B=U R=U	1.00056	4.9958	24.0134	88.8889	379.737
A=S B=S R=S	3.98825	20.9908	85.0826	470.193	3340.61
A=S B=S R=S	5.0028	20.0112	87.8814	488.106	3851.11
vsip_cmleq.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	11.9787	51.0496	128.072
A=U B=U R=U	1.00056	4.00224	17.0165	40.0784	143.297
A=S B=S R=S	3.98825	16.9326	67.1705	205.989	1809.12
A=S B=S R=S	3.98825	18.0521	72.768	177.106	1791.21
vsip_cmleq.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	3.00168	10.9992	32.0179	126.952	217.632
A=U B=U R=U	3.00168	12.0067	27.9877	77.9178	308.089
A=S B=S R=S	3.00168	13.0003	47.0193	100.98	1244.89
A=S B=S R=S	3.00168	13.0003	33.0255	113.966	1074.73
vsip_cmlne.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.99468	11.9787	51.9452	117.324
A=U B=U R=U	1.00056	4.00224	18.0241	42.9891	139.715
A=S B=S R=S	3.98825	16.9326	67.1705	184.943	1880.77
A=S B=S R=S	3.98825	16.9326	72.768	205.094	1800.17
vsip_cmlne.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	3.00168	10.9992	41.9816	120.907	207.781
A=U B=U R=U	3.00168	12.0067	34.9846	128.967	206.885
A=S B=S R=S	3.00168	13.0003	38.0073	145.088	1271.76
A=S B=S R=S	3.00168	13.9939	48.0269	143.969	1262.81
vsip_cmlog.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	10.0056	22.9499	62.1327	220.095	649.315
A=U R=U	8.99105	22.9499	55.9754	220.095	642.15
A=S R=S	13.0143	27.9877	72.768	284.355	1674.78
A=S R=S	13.0143	27.9877	81.1643	279.877	1710.61

vsip_cmmag.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	6.00336	11.9787	60.0056	131.654									
A=U R=U	1.00056	4.00224	11.9787	53.0647	102.099									
A=S R=S	3.00168	13.0003	32.0179	141.058	1038.9									
A=S R=S	3.00168	13.0003	33.9771	92.0236	1101.6									
vsip_cmmeansqval.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N	0	1.00056	5.98937	27.0921	106.577									
A=U	0	2.00112	8.00448	30.8984	123.594									
A=S	1.00056	6.00336	25.9726	105.905	867.843									
A=S	1.00056	6.00336	25.9726	107.025	700.364									
vsip_cmmeanval.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N	0	1.00056	4.00224	21.002	36.0034									
A=U	1.00056	2.00112	8.00448	32.0179	43.9743									
A=S	2.00112	6.00336	25.9726	105.905	447.803									
A=S	2.00112	6.00336	25.9726	105.905	462.133									
vsip_cmmul.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N B=N R=N	1.00056	4.00224	18.9757	70.0812	306.297									
A=U B=U R=U	1.00056	4.9958	21.9983	88.8889	362.721									
A=S B=S R=S	3.98825	20.9908	85.0826	499.301	3501.82									
A=S B=S R=S	5.0028	20.0112	87.8814	472.432	3340.61									
vsip_cmneg.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	0	4.00224	13.9939	51.9452	129.863									
A=U R=U	0	2.99468	13.9939	45.8998	143.297									
A=S R=S	3.00168	14.9734	67.7302	171.956	1513.57									
A=S R=S	3.00168	14.9734	69.9693	158.075	1379.23									
vsip_cmplx.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmprod.f:														
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3									
A=N B=N R=N	32.0179	255.248	2314.25	20692.1	172874									
A=U B=U R=U	33.0255	268.682	2457.54	25678.8	224231									
A=S B=S R=S	58.9981	504.226	4578.34	44192.8	481478									
A=S B=S R=S	58.9981	507.809	4564.01	44192.8	481478									
vsip_cmprodh.f:														
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3									
A=N B=N R=N	32.0179	103.89	548.111	4195.74	30447.8									
A=U B=U R=U	22.0543	119.116	566.74	4344.77	33290.8									
A=S B=S R=S	45.0042	192.555	1046.07	8884.42	82080.5									
A=S B=S R=S	37.9513	194.347	1053.23	8540.5	75202.3									
vsip_cmprodh.i:														
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3									
A=N B=N R=N	211.587	1737.48	14401.4	115784	930857									
A=U B=U R=U	211.587	1737.48	14401.4	115784	930857									
A=S B=S R=S	211.587	1737.48	14473	118077	1008810									
A=S B=S R=S	211.587	1746.43	14544.6	118077	1013400									
vsip_cmprodh.si:														
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3									
A=N B=N R=N	211.587	1683.74	13684.9	108906	866660									
A=U B=U R=U	211.587	1683.74	13684.9	108906	866660									
A=S B=S R=S	211.587	1692.7	13756.5	108906	875831									
A=S B=S R=S	211.587	1692.7	13756.5	109479	880417									
vsip_cmprod.i:														
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3									
A=N B=N R=N	229.499	1835.99	16192.6	150748	1279360									
A=U B=U R=U	229.499	1844.95	16120.9	150748	1279360									
A=S B=S R=S	236.216	1943.47	18843.6	192018	2636670									
A=S B=S R=S	237.336	2015.11	19130.2	193164	2645840									

vsip_cmprodj.f:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	32.0179	256.143	2321.41	20692.1	172874
A=U B=U R=U	33.0255	267.786	2493.37	25908.1	223773
A=S B=S R=S	58.9981	504.226	4564.01	44192.8	481478
A=S B=S R=S	58.9981	506.913	4571.18	44078.2	476893
vsip_cmprodj.i:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	227.26	1809.12	15547.7	151895	1293110
A=U B=U R=U	227.26	1809.12	15547.7	150748	1293110
A=S B=S R=S	230.619	1871.82	18342	194884	2632080
A=S B=S R=S	230.619	1907.64	18771.9	194311	2650420
vsip_cmprodj.si:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	211.587	1746.43	15046.2	138138	1247260
A=U B=U R=U	211.587	1746.43	14902.9	132980	1247260
A=S B=S R=S	211.587	1746.43	17124	159919	2035960
A=S B=S R=S	211.587	1755.39	17124	160493	2049720
vsip_cmprod.si:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	230.619	1898.69	16694.1	155334	1302280
A=U B=U R=U	229.499	1889.73	16479.2	143870	1302280
A=S B=S R=S	230.619	1979.29	18628.6	169090	2035960
A=S B=S R=S	230.619	1943.47	18628.6	169664	2086400
vsip_cmprodt.f:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	22.9499	102.995	723.65	5789.2	38793.4
A=U B=U R=U	22.9499	110.16	752.309	5789.2	41177.8
A=S B=S R=S	40.974	189.869	1418.64	11693	85748.9
A=S B=S R=S	36.0482	189.869	1432.97	11635.7	86207.5
vsip_cmprodt.i:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	211.587	1737.48	14401.4	115784	930857
A=U B=U R=U	211.587	1737.48	14401.4	115784	930857
A=S B=S R=S	211.587	1746.43	14473	117504	1004230
A=S B=S R=S	211.587	1746.43	14544.6	118077	1004230
vsip_cmprodt.si:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	211.587	1746.43	14544.6	116930	935443
A=U B=U R=U	211.587	1737.48	14473	116357	935443
A=S B=S R=S	211.587	1737.48	14616.3	117504	949200
A=S B=S R=S	211.587	1746.43	14616.3	116930	949200
vsip_cmpuattrib.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuattrib.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuattrib.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuattrib.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0

matrix=S	0	0	0	0	0
vsip_cmpuтолlength.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолlength.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолstride.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолstride.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолstride.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтол.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтол.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолoffset.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолoffset.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолoffset.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmpuтолrowlength.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0

matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmputrowlength_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmputrowlength_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmputrowstride_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmputrowstride_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmputrowstride_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmput_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmrecip_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	6.00336	26.9801	51.9452	157.627
A=U R=U	1.00056	4.9958	11.0272	51.0496	147.775
A=S R=S	3.98825	15.953	40.974	156.059	1576.27
A=S R=S	3.98825	15.953	39.0149	201.064	1522.53
vsip_cmrowview_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmrowview_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmrowview_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmrsdiv_f:					

Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	4.00224	17.0165	59.11	262.413
A=U R=U	1.00056	4.9958	23.0059	87.0977	423.622
A=S R=S	3.00168	16.9326	69.9693	297.789	2606.21
A=S R=S	3.00168	16.9326	69.9693	291.072	2722.64
vsip_cmscatter.f:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N R=N B=N	0	0	1.00308	0.997347	1.99928
A=U R=U B=U	0	0	1.00308	0.997347	1.99928
A=S R=S B=S	0	0	1.00308	0.997347	6.00701
A=S R=S B=S	0	0	1.00308	0.997347	6.00701
vsip_cmsqrt.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	15.0084	61.9928	249.091	1065.77	4298.91
A=U R=U	15.0084	59.054	236.776	1020.99	4119.79
A=S R=S	18.0171	69.9693	278.757	1188.92	5078.09
A=S R=S	18.0171	69.9693	279.877	1188.92	5033.31
vsip_cmsub.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	1.00056	4.00224	19.9832	55.0798	178.226
A=U B=U R=U	1.00056	4.9958	20.9908	53.9603	223.006
A=S B=S R=S	5.0028	20.9908	83.9631	282.116	2149.46
A=S B=S R=S	5.0028	20.9908	91.7997	253.009	2015.11
vsip_cmsubview.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmsubview.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmsubview.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_cmsumval.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	1.00056	4.00224	19.9944	80.9628
A=U	1.00056	2.00112	8.00448	32.0179	89.5606
A=S	2.00112	6.00336	25.9726	105.905	576.771
A=S	1.00056	6.00336	25.9726	105.905	531.99
vsip_cmsumval.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	2.00112	6.00336	11.9787	40.974	152.253
A=U	2.00112	6.00336	11.0272	36.9438	145.984
A=S	2.00112	8.00448	17.0165	72.9919	528.408
A=S	2.00112	8.00448	16.009	55.9754	531.095
vsip_cmswap.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	1.00056	2.99468	11.0272	57.9905	170.165
A=U B=U	1.00056	2.99468	13.9939	45.0042	174.643
A=S B=S	5.0028	20.0112	91.7997	210.02	1925.55
A=S B=S	5.0028	20.0112	91.2399	214.05	1827.04
vsip_cmtrans.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	4.00224	19.9832	107.921	275.847
A=U R=U	1.00056	4.9958	24.0134	128.967	642.15
A=S R=S	3.00168	15.953	61.0132	284.355	3009.24
A=S R=S	3.00168	15.953	59.8937	297.789	2973.41

vsip_cmtrans.i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	2.00112	6.99693	71.0888	398.545	2247.97									
A=U R=U	2.00112	6.99693	71.0888	398.545	2256.93									
A=S R=S	3.00168	12.0067	94.0387	521.691	3752.59									
A=S R=S	3.00168	12.0067	92.9192	501.54	3725.72									
vsip_cmtrans.si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	2.00112	6.00336	32.0179	282.116	1800.17									
A=U R=U	2.00112	6.00336	32.0179	284.355	1818.08									
A=S R=S	2.00112	8.00448	67.7302	324.657	2525.61									
A=S R=S	2.00112	8.00448	67.7302	329.135	2525.61									
vsip_cmtransview.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_cmtransview.i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_cmtransview.si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_cmulf:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cmvprod.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N X=N Y=N	1.00056	4.00224	15.0014	59.11	234.649									
A=U X=U Y=U	1.00056	4.00224	16.009	70.9768	283.907									
A=S X=S Y=S	3.00168	12.0067	47.0193	186.062	985.167									
A=S X=S Y=S	3.00168	12.0067	48.9785	186.062	1173.24									
vsip_cmvprod.i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N X=N Y=N	6.99693	26.0286	105.234	414.218	1737.48									
A=U X=U Y=U	6.99693	26.0286	105.234	416.457	1737.48									
A=S X=S Y=S	6.99693	26.0286	104.114	420.935	1943.47									
A=S X=S Y=S	6.99693	26.0286	104.114	420.935	1880.77									
vsip_cmvprod.si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N X=N Y=N	6.99693	26.0286	105.234	416.457	1674.78									
A=U X=U Y=U	6.99693	26.0286	105.234	416.457	1674.78									
A=S X=S Y=S	6.99693	26.0286	105.234	416.457	1701.65									
A=S X=S Y=S	6.99693	26.0286	104.114	416.457	1710.61									
vsip_cneg.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_complete:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_conj.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_conv1d.create.f:														
Type/n	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	

kernel=N	17.0113	23.9645	34.9846	59.124	118.248	254.688	624.126	2171.85	4757.91	10142.7	21002	11642.9	21315.4	
kernel=U	18.0171	25.014	34.9846	59.124	109.152	200.112	470.193	2132.66	4869.86	10008.4	19837.7	9762.11	18807.7	
kernel=S	17.0113	25.014	37.0837	60.1736	111.251	312.063	361.041	2110.27	4970.62	9762.11	20016.8	9224.75	19882.5	
kernel=S	17.0113	23.9645	34.9846	59.124	116.149	216.905	377.834	2362.16	4892.25	9829.28	20061.6	9851.67	18449.5	
vsip_conv1d_destroy.f:														
Type/n	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
kernel=N	1.9985	2.00287	3.00868	3.00168	9.02603	15.953	23.0059	38.0073	132.102	458.998	940.387	583.04	994.123	
kernel=U	2.99993	2.99993	3.00868	3.00168	4.00224	4.9958	78.9253	45.0042	214.946	512.735	962.777	517.661	1004.87	
kernel=S	2.99993	2.99993	3.00868	3.00168	4.00224	4.9958	120.067	95.1582	184.719	506.018	976.211	508.704	976.211	
kernel=S	2.99993	2.99993	3.00868	3.00168	4.00224	4.9958	5.0098	133.221	217.185	476.91	913.519	521.243	1006.66	
vsip_conv1d_getattr.f:														
Type/n	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
kernel=N	0	0	0	0	0	0	0	0	0	0	0	0	0	
kernel=U	0	0	0	0	0	0	0	0	0	0	0	0	0	
kernel=S	0	0	0	0	0	0	0	0	0	0	0	0	0	
kernel=S	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_conv2d_create.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
kernel=N				61.9228	107.053	301.148	1061.29	4594.46						
kernel=U				61.9228	107.053	302.827	1038.9	4522.81						
vsip_conv2d_destroy.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
kernel=N				8.01148	10.9992	12.9863	70.9768	305.402						
kernel=U				8.99105	12.0067	15.0014	81.948	296.446						
vsip_conv2d_getattr.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
kernel=N				0	0	0	0	0						
kernel=U				0	0	0	0	0						
vsip_convolve1d.f:														
Type/n	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
x=N y=N	1.00143	2.99993	5.99986	13.0143	30.0168	68.9897	164.008	1069.13	2037.5	2183.04	3972.01	6036.39	12860.9	
x=U y=U	1.00143	2.99993	5.99986	13.9939	31.9759	69.9693	237.895	906.802	1556.12	1750.91	3389.87	5499.02	14544.6	
x=S y=S	1.9985	3.99699	9.00854	18.9967	41.9816	127.064	285.475	973.972	1757.63	2174.08	4312.34	7388.75	16120.9	
x=S y=S	1.9985	5.0028	9.00854	18.9967	41.002	86.0622	193.955	945.984	1802.41	2530.09	4366.08	7218.59	17428.5	
vsip_convolve2d.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
x=N y=N				29.0023	108.033	500.98	1938.99	10120.4						
x=U y=U				29.0023	109.992	511.055	1972.57	10209.9						
vsip_corr1d_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	13.0099	18.0171	27.0256	40.0574	66.1209	144.836	288.273	682.9	1293.03	2462.92	4522.81	8284.36	14777.5	26330.8
vsip_corr1d_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	2.00068	1.9985	2.00287	3.00868	3.00168	3.00168	19.0316	24.993	47.0193	163.448	371.677	962.777	454.968	845.452
vsip_corr1d_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_corr2d_create.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N				52.8268	68.9897	116.989	400.784	958.299						
X=U				52.8268	68.9897	119.228	405.262	958.299						
vsip_corr2d_destroy.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N				8.01148	10.9992	11.0272	64.0359	245.396						
X=U				8.99105	12.0067	12.9863	64.9315	247.187						
vsip_corr2d_getattr.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N				0	0	0	0	0						
X=U				0	0	0	0	0						
vsip_correlate1d.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288

ref=N x=N y=N	0.999248	1.9985	3.99699	9.00854	18.9967	44.0107	100.056	237.895	1074.73	2082.28	2574.87	4478.03	7155.9	16729.9
ref=U x=U y=U	0.999248	1.9985	5.0028	9.00854	18.9967	44.0107	95.0182	249.091	1270.64	1466.56	2140.5	4307.87	6931.99	18270.4
ref=S x=S y=S	0.999248	1.9985	5.0028	11.0027	23.9995	52.9667	115.029	272.04	1125.11	2026.31	2776.38	4970.62	8409.74	22031.9
ref=S x=S y=S	0.999248	2.99993	5.0028	11.0027	25.014	54.9958	121.047	333.054	1270.64	2071.09	2955.5	5731.88	8866.5	21315.4
vsip_correlate2d.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
ref=N x=N y=N				38.1332	146.935	694.095	2933.11	15852.2						
ref=U x=U y=U				38.1332	145.536	688.497	2933.11	14687.9						
vsip_cos.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cosh.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_covsol.f:														
Type/(m*n*p)				32 ³	64 ³	128 ³	256 ³	512 ³						
A=N XB=N				66.9466	401.232	3159.7	13355.3	79787.8						
A=U XB=U				67.9541	437.056	3073.72	13183.3	98129.8						
A=S XB=S				54.9678	260.621	1533.28	9342.97	53650.4						
A=S XB=S				54.9678	260.621	1511.78	8425.87	53650.4						
vsip_cqrd_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	2.00112	2.00112	2.00112	1.99832	2.00392	3.00028	3.00028	3.00028	2.99133
vsip_cqrd_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	1.00056	2.00112	2.99468	1.99832	2.00392	4.00784	3.99888	4.99748	4.99748
vsip_cqrd.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
A=N				123.146	764.064	6235.66	24315.7	104338						
A=U				121.047	762.665	6112.51	22166.3	103980						
A=S				123.846	751.47	6241.26	22099.1	105861						
A=S				123.846	761.265	6129.31	22211	105682						
vsip_cqrd_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cqrdprodq.f:														
Type/(m*n*p)				32 ³	64 ³	128 ³	256 ³	512 ³						
A=N C=N				60.0056	202.407	1533.28	9056.37	73826.6						
A=U C=U				60.0056	203.303	1490.29	9400.29	76577.9						
A=S C=S				63.0283	250.77	1698.07	9801.52	79787.8						
A=S C=S				63.0283	246.292	1683.74	9686.88	81163.4						
vsip_cqrdsolr.f:														
Type/(m*n*p)				32 ³	64 ³	128 ³	256 ³	512 ³						
A=N XB=N				45.0042	345.704	1382.82	5651.63	33749.3						
A=U XB=U				43.9967	340.33	1361.32	5542.73	32694.6						
A=S XB=S				45.0042	326.896	1282.51	5674.56	34849.8						
A=S XB=S				45.0042	314.358	1304	5640.17	34528.9						
vsip_cqrsol.f:														
Type/(m*n*p)				32 ³	64 ³	128 ³	256 ³	512 ³						
A=N XB=N				79.0373	507.809	2701.15	12323.5	75660.8						
A=U XB=U				80.0448	470.193	2249.76	11177.2	75660.8						
A=S XB=S				80.0448	473.776	2256.93	11291.8	77953.6						
A=S XB=S				80.0448	473.776	2256.93	11291.8	78412.1						
vsip_crandn.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_crandu.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_crdiv.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_crecip.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_crfft2dop_create.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	163.006	199.019	274.017	333.928	526.868	1015.25	2103.28	4763.51	19070.8	47142.5	97016.6	204915	193272	157627	
vsip_crfft2dop.f:															
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²							
X=N Y=N				10.0056	27.9877	120.907	523.93	895.606							
X=U Y=U				8.99105	28.9673	125.945	546.32	725.441							
vsip_crfftmop_create.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	27.0038	33.9788	59.9986	72.0683	106.003	177.722	330.255	817.241	1684.86	7030.51	16546.3	33406.1	67797.4	20240.7	
vsip_crfftmop.f:															
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²							
X=N Y=N				5.0028	13.0003	41.9816	162.105	197.929							
X=U Y=U				5.0028	13.9939	45.0042	171.061	209.572							
vsip_crfftop_create.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	2.99556	4.00137	5.99986	9.00854	13.0143	20.9908	40.0224	80.0448	167.926	1044.5	1721.8	3618.25	8445.57	3009.24	
vsip_crfftop.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
x=N y=N	0	0	0.997062	1.00056	3.00168	6.00336	13.0003	29.9468	75.007	266.443	635.881	891.128	1809.12	2167.37	
x=U y=U	0	0	0.997062	1.00056	3.00168	6.99693	18.0521	36.1041	83.9631	411.979	640.359	859.782	1889.73	3116.71	
x=S y=S	0	1.00143	0.997062	1.99412	5.0028	12.0347	27.0081	54.0163	128.743	570.949	938.148	1258.33	2892.81	4997.48	
x=S y=S	0	1.00143	0.997062	3.00868	6.01736	12.0347	27.0081	52.8968	124.265	506.018	857.543	1222.5	2785.34	4513.86	
vsip_crmdiv.f:															
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²							
A=N B=N R=N				2.00112	8.99805	28.9953	62.9164	163							
A=U B=U R=U				2.00112	8.99805	16.009	62.9164	153.149							
A=S B=S R=S				3.98825	18.0521	50.9936	210.915	1719.56							
A=S B=S R=S				3.98825	19.0316	48.0269	197.033	1710.61							
vsip_crmsub.f:															
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²							
A=N B=N R=N				0	2.99468	15.0014	42.0935	137.028							
A=U B=U R=U				1.00056	4.00224	17.0165	45.0042	134.341							
A=S B=S R=S				3.98825	18.0521	77.8058	235.097	1925.55							
A=S B=S R=S				3.98825	18.0521	81.1643	244.053	1943.47							
vsip_crsb.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_crvdiv.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	16.9885	186.958	75.007	145.088	348.839	566.023	845.452	
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	17.9961	30.0028	57.9905	118.892	197.929	429.891	877.694	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	20.0112	40.862	53.0087	117.548	458.998	1213.55	2050.94	3851.11	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	18.0521	38.9029	83.9631	127.624	360.482	1097.12	1979.29	3224.18	
vsip_crvsub.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0	0	0	1.00056	2.99468	6.99693	80.0448	66.051	115.085	318.836	357.347	854.409	
A=U B=U R=U	0	0	0	0	1.00056	2.00112	4.9958	8.00448	21.9983	39.9664	81.0524	187.182	430.787	854.409	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	20.0112	41.9816	78.9253	207.109	356.004	1209.07	2068.85	3815.28	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	20.0112	38.9029	86.7619	169.046	414.218	1321.02	1755.39	3510.78	
vsip_csmadd.f:															
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²							
A=N R=N				0	4.00224	13.9939	29.1072	120.011							
A=U R=U				0	4.00224	15.0014	40.974	149.566							
A=S R=S				3.00168	14.9734	69.9693	199.049	1576.27							
A=S R=S				3.00168	14.9734	71.0888	188.077	1576.27							
vsip_csmdiv.f:															

Type/(m*n)	32^2	64^2	128^2	256^2	512^2										
A=N R=N	1.00056	4.9958	18.0241	49.0345	118.22										
A=U R=U	1.00056	4.00224	17.0165	47.9149	130.759										
A=S R=S	3.98825	14.9734	69.9693	156.955	1576.27										
A=S R=S	3.00168	14.9734	72.2083	193.003	1585.22										
vsip_csmmul.f:															
Type/(m*n)	32^2	64^2	128^2	256^2	512^2										
A=N R=N	1.00056	4.9958	18.9757	75.9026	317.94										
A=U R=U	2.00112	6.00336	23.0059	107.025	490.792										
A=S R=S	3.98825	16.9326	72.2083	308.984	2507.7										
A=S R=S	3.98825	16.9326	69.9693	320.179	2821.16										
vsip_csmsub.f:															
Type/(m*n)	32^2	64^2	128^2	256^2	512^2										
A=N R=N	0	4.00224	13.9939	53.0647	133.445										
A=U R=U	0	4.00224	15.0014	62.9164	152.253										
A=S R=S	3.00168	13.9939	68.8497	158.97	1603.14										
A=S R=S	3.00168	13.9939	69.9693	169.941	1576.27										
vsip_csqrt.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cstorage:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_csub.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_csvadd.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	0	1.00056	4.00224	6.99693	16.009	37.9513	130.982	184.943	301.819	605.43	
B=U R=U	0	0	0	0	0	1.00056	4.9958	8.00448	17.0165	107.025	90.0084	317.045	332.27	714.694	
B=S R=S	0	0	0.997062	1.99412	3.00168	6.00336	16.9326	34.9846	69.9693	213.826	387.35	756.787	1630	3098.8	
B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	16.9326	36.1041	71.0888	90.0084	261.965	926.953	1504.62	2883.85	
vsip_csvmul.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	1.00056	1.00056	4.00224	6.99693	16.009	65.0434	190.092	124.041	323.314	709.32	
B=U R=U	0	0	0	0	1.00056	1.00056	4.9958	8.00448	17.0165	39.9664	79.0373	134.789	243.605	542.737	
B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	36.1041	68.8497	186.958	351.526	1101.6	1728.52	3474.95	
B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	16.9326	36.1041	71.0888	128.743	192.108	944.865	1827.04	3170.45	
vsip_csvsub.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	0	1.00056	4.9958	6.99693	16.009	62.0207	62.9164	163	320.627	684.243	
B=U R=U	0	0	0	0	0	1.00056	4.9958	8.00448	18.0241	77.0222	132.102	144.193	283.012	818.584	
B=S R=S	0	0	0.997062	1.99412	3.00168	6.00336	16.9326	36.1041	68.8497	185.838	398.545	1034.43	1862.86	3224.18	
B=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	16.9326	36.1041	72.768	119.787	248.531	1034.43	1585.22	3188.36	
vsip_ctoepsol.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
T=N B=N W=N X=N	35.0065	121.003	447.016	1716	6933.95	27248.8	108104	433003	1734390	7331730	21923800	67417500	22160000698173000		
T=U B=U W=U X=U	35.0065	121.003	442.993	1706.03	6713.9	26684.9	106868	427753	1712860	6586130	19714100	63967600	207897000640638000		
T=S B=S W=S X=S	36.9962	126.994	470.981	1823.05	7334.88	29678.9	120673	491909	1961430	9972960	37887700	1319110007119630002550360000			
T=S B=S W=S X=S	35.9904	125.988	470.981	2042.93	8016.03	29408.1	119499	485934	1952320	7677930	23573600	1531270006408150002489130000			
vsip_cvadd.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0	0	0	2.00112	4.00224	9.01204	35.9922	55.9754	122.922	265.1	889.337	1074.73	
A=U B=U R=U	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	33.9771	92.0236	90.9041	154.94	419.144	1137.42	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	24.0694	41.9816	64.9315	221.663	586.622	1294.15	2310.66	4657.15	
A=S B=S R=S	0	1.00143	0.997062	1.99412	3.98825	9.02603	21.9703	40.862	158.97	273.16	541.842	1347.89	2247.97	4692.98	
vsip_cvadd.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	1.00143	0.997062	1.99412	3.98825	9.02603	16.9326	36.1041	66.051	111.055	315.701	283.012	1047.86	1952.42	
A=U B=U R=U	0	1.00143	0.997062	1.99412	3.98825	7.97649	16.9326	40.0224	48.0269	81.948	128.967	256.143	869.634	1413.27	
A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	25.049	80.8845	82.8436	110.048	476.91	1424.01	2794.29	4997.48	
A=S B=S R=S	0	1.00143	0.997062	3.00868	5.0028	10.0056	24.0694	64.0918	104.114	203.75	561.993	1347.89	2462.92	4979.57	
vsip_cvalldestroy.f:															

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	2.00392	1.99944	3.00028	3.00028	4.99748
vektor=U	0	0	0	0	0	0	0	0	0	0	1.99944	3.00028	4.00336	4.99748
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	4.00336	4.99748
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	4.00336	4.99748
vsip_cvalldestroy.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	2.00392	1.99944	3.00028	4.00336	4.99748
vektor=U	0	0	0	0	0	0	0	0	0	0	1.99944	3.00028	4.00336	4.99748
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	4.00336	4.99748
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	4.00336	4.99748
vsip_cvalldestroy.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	3.9944
vektor=U	0	0	0	0	0	0	0	0	0	0	0	2.00168	3.00028	3.9944
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	1.9972	6.00056
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	1.9972	3.9944
vsip_cvam.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N C=N R=N	0	0	0	0	1.00056	2.00112	4.00224	9.99161	212.147	45.0042	88.8889	142.849	949.343	1809.12
A=U B=U C=U R=U	0	0	0	1.00056	2.00112	3.00168	6.99693	15.0014	39.0149	94.0387	100.98	330.031	755.892	1791.21
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.01736	13.9939	27.0081	59.054	249.091	221.663	971.733	2158.41	3797.37	5087.04
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.01736	13.9939	27.0081	55.9754	161.209	332.494	967.255	2149.46	2659.95	5319.9
vsip_cvbind.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvbind.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvbind.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvcloneview.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0.999497
vsip_cvcloneview.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	1.00308	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvcloneview.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvconj.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	1.00056	4.00224	6.99693	17.0165	36.0482	66.9466	128.967	744.249	1268.18
A=U R=U	0	0	0	0	0	1.00056	4.9958	9.99161	18.0241	45.0042	87.0977	166.135	617.968	1511.78
A=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	15.953	34.9846	72.2083	197.033	275.399	1329.98	2015.11	3564.51
A=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	15.953	33.8651	69.9693	123.146	295.55	694.095	1898.69	3009.24
vsip_cvcopy.f.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	1.00056	4.00224	6.99693	16.009	49.0345	66.9466	215.841	410.188	773.804
A=U R=U	0	0	0	0	0	1.00056	4.9958	6.99693	17.0165	42.9891	92.0236	133.893	196.138	596.474
A=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	16.9326	36.1041	68.8497	118.668	208.9	729.919	1486.71	3009.24
A=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	15.953	34.9846	72.2083	99.9721	284.355	734.397	1495.66	2991.33
vsip_cvcreate.f:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0.997062	0	0	0	1.00056	0.999161	0	0.999721	1.00084	0.998601	1.00308	0.999497
vsip_cvcreate.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	1.00056	0	0	0.999161	0	0.999721	1.00084	0.998601	1.00308	0.999497
vsip_cvcreate.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0.999721	1.00084	0.998601	0	0.999497
vsip_cvcumsum.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	1.00056	1.00056	3.00168	6.00336	10.9992	23.0059	42.9891	85.9782	179.121	346.6	798.881
A=U B=U	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	21.9983	45.0042	90.9041	150.014	307.193	752.309
A=S B=S	0	0	0.997062	1.99412	3.00168	6.99693	18.0521	36.1041	71.0888	135.46	291.072	980.689	2230.06	4388.47
A=S B=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	36.9438	72.768	136.58	291.072	971.733	2221.1	4388.47
vsip_cvcumsum.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	31.906	49.986	107.025	132.102	254.8	976.211	890.233
A=U B=U	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	23.0059	40.974	239.575	250.77	251.218	353.765	707.529
A=S B=S	0	0	0.997062	1.99412	3.98825	6.99693	24.0694	43.9407	68.8497	132.102	201.064	859.782	1486.71	3062.97
A=S B=S	0	0	0.997062	1.99412	5.0028	9.02603	26.0286	95.9978	115.869	119.787	347.047	797.09	1486.71	2973.41
vsip_cvdestroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvdestroy.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvdestroy.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvddiv.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	1.00056	1.00056	3.00168	4.9958	12.0067	35.9922	48.0269	70.9768	145.984	342.122	1189.37
A=U B=U R=U	0	0	0	1.00056	1.00056	3.00168	4.9958	12.0067	21.9983	32.0179	175.091	222.11	259.726	752.309
A=S B=S R=S	0	1.00143	0.997062	3.00868	5.0028	10.9852	22.9499	43.1011	86.7619	109.04	622.446	998.601	2480.83	4388.47
A=S B=S R=S	0	1.00143	0.997062	4.00574	6.99693	10.9852	33.0255	48.1388	105.234	209.348	250.77	1200.11	2086.76	4101.88
vsip_cvdot.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	0	1.00056	1.00056	2.00112	5.0098	10.0196	31.0104	45.0042	120.907	265.995	800.672
A=U B=U	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	17.0165	38.9589	199.944	131.206	250.77	750.518
A=S B=S	0	0	0.997062	1.99412	3.00168	6.99693	13.0003	26.0006	50.9936	81.0524	173.076	488.106	1943.47	4191.44
A=S B=S	0	0	0.997062	1.99412	3.00168	6.00336	13.0003	26.0006	52.0011	110.048	158.075	497.062	2104.68	2794.29
vsip_cvexp.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0.999248	1.00143	2.00287	4.00574	6.99693	13.9939	20.9908	52.0571	105.794	183.599	353.765	653.793	1522.53	1065.77
A=U R=U	0	1.00143	2.00287	4.00574	6.99693	13.9939	32.0459	64.0918	92.9192	180.241	344.808	671.705	569.606	1101.6
A=S R=S	0.999248	1.00143	2.00287	5.0028	8.99105	17.9821	27.0081	55.1358	120.907	218.304	438.847	716.485	1844.95	2883.85
A=S R=S	0.999248	1.00143	2.00287	5.0028	8.99105	17.9821	93.0591	123.986	110.272	201.511	306.745	743.353	1603.14	2955.5
vsip_cvexpoavg.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
B=N C=N	0	0	0	0	1.00056	1.00056	2.00112	5.0098	11.0272	22.9499	47.9149	102.995	212.259	626.924
B=U C=U	0	0	0	0	1.00056	1.00056	2.99468	5.98937	11.9787	26.9801	53.0647	111.055	220.319	607.221
B=S C=S	0	0	0.997062	1.99412	3.98825	10.0056	15.953	33.0255	64.9315	135.46	284.355	935.909	2167.37	4352.65
B=S C=S	0	0	0.997062	1.99412	3.98825	7.97649	15.953	33.0255	77.2461	143.297	282.116	953.821	2194.24	4352.65
vsip_cvfill.f:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0	0	0	1.00056	2.00112	5.98937	12.9863	46.0118	34.9287	94.9343	207.781	304.506
R=U	0	0	0	0	0	1.00056	2.00112	5.98937	12.9863	26.9801	60.9012	114.19	202.407	381.528
R=S	0	0	0	1.00056	2.00112	3.00168	6.00336	21.9983	47.0193	60.0056	152.029	300.028	1029.95	1862.86
R=S	0	0	0	1.00056	2.00112	3.00168	6.00336	23.0059	48.0269	89.0009	147.103	301.819	817.689	1771.51
vsip_cvgather.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
X=N I=N Y=N	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	31.906	67.7302	148.895	351.526	729.919	1513.57	5122.87
X=U I=U Y=U	0	0	0.997062	1.99412	3.00168	6.00336	13.9939	31.0663	67.1705	157.851	338.091	729.919	1495.66	4854.19
X=S I=S Y=S	0	0	0.997062	1.99412	3.98825	12.0347	24.0694	50.098	100.196	208.228	664.988	2449.48	5919.96	13111.7
X=S I=S Y=S	0	0	0.997062	1.99412	3.98825	10.0056	21.9703	48.1388	100.756	213.826	698.573	2449.48	5919.96	13416.2
vsip_cvgetattrib.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetattrib.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetattrib.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetblock.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetblock.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetblock.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvget.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvget.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetlength.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0

vsip_cvgetlength.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetlength.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetoffset.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetoffset.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetoffset.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvget.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetstride.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetstride.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvgetstride.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvjdot.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	11.0272	16.009	132.102	154.94	229.275	614.386
A=U B=U	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	17.0165	125.385	49.0345	245.844	196.138	515.869
A=S B=S	0	0	0.997062	1.99412	3.00168	6.00336	13.0003	26.0006	50.9936	83.9631	212.93	586.622	1289.67	2722.64
A=S B=S	0	0	0.997062	1.99412	3.00168	6.99693	13.0003	27.0081	52.0011	68.9617	98.0689	573.188	1397.15	2865.94
vsip_cvjmul.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	2.00112	2.99468	8.00448	34.9846	66.051	193.899	111.951	387.798	1121.3
A=U B=U R=U	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	35.9922	62.0207	55.0798	170.165	386.006	1110.55

A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	21.9703	45.0602	63.2522	111.055	463.476	1276.24	2588.3	4997.48
A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	20.9908	41.9816	63.812	184.719	420.935	1209.07	2489.79	4639.24
vsip_cvleq.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	1.00056	2.00112	5.0098	11.9787	56.983	85.0826	163	204.198	940.387
A=U B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	8.00448	17.0165	39.9664	60.0056	116.877	209.572	795.299
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	19.0316	34.9846	69.9693	99.9721	239.575	1016.51	1952.42	3546.6
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	16.9326	33.0255	73.8875	94.0387	201.959	886.65	1773.3	3224.18
vsip_cvleq.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	52.0571	40.974	52.9527	222.11	317.94	700.364	1318.33
A=U B=U R=U	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	27.9877	42.9891	64.0359	141.954	337.196	490.792	1055.02
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	38.9029	45.0042	104.002	180.912	788.134	1280.72	2633.08
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.00336	13.9939	38.9029	34.9846	104.002	192.108	546.32	1370.28	2346.49
vsip_cvlne.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	1.00056	2.00112	5.0098	11.9787	36.0482	105.905	132.102	245.396	861.573
A=U B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	8.00448	17.0165	35.0406	186.958	101.204	336.748	936.804
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	16.9326	34.9846	67.1705	80.0448	270.921	958.299	1862.86	3224.18
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	19.0316	33.8651	73.8875	86.9858	228.38	1141.9	1630	3098.8
vsip_cvlne.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	31.0663	96.8374	132.102	130.087	198.825	557.067	1072.94
A=U B=U R=U	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	71.9284	33.9771	50.042	68.0661	231.962	420.935	1042.49
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	150.014	40.0224	106.017	201.064	617.968	1262.81	2149.46
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	21.9983	42.9891	50.042	261.965	284.803	976.211	2113.63
vsip_cvlog.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0.999248	1.00143	2.99993	5.0028	10.0056	20.0112	39.0428	61.0132	128.743	217.185	521.691	913.519	1585.22	1522.53
A=U R=U	0.999248	1.00143	2.00287	5.0028	8.99105	19.0316	21.9703	55.9754	142.737	126.504	214.946	532.886	967.255	1823.2
A=S R=S	0.999248	1.9985	2.99993	5.99986	13.0143	24.979	33.0255	55.9754	86.7619	171.285	373.916	935.909	1647.92	3313.74
A=S R=S	0.999248	1.9985	2.99993	5.99986	13.0143	24.979	36.9438	55.9754	73.8875	167.926	331.374	931.431	1683.74	3188.36
vsip_cvma.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N C=N R=N	0	0	0	1.00056	1.00056	2.00112	4.9958	12.0067	66.051	120.907	126.057	185.838	677.078	1699.86
A=U B=U C=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	68.8497	107.025	158.97	311.223	622.446	1635.38
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	32.0459	55.1358	72.2083	173.524	803.807	1701.65	2830.12	5463.2
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	31.0663	55.9754	91.7997	180.241	859.782	1885.25	2668.91	5481.11
vsip_cvmag.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	2.00112	3.00168	6.99693	9.99161	33.0255	108.033	62.0207	177.778	196.138	395.858
A=U R=U	0	0	0	1.00056	1.00056	2.00112	4.9958	12.0067	27.9877	47.0193	70.9768	120.011	190.764	368.99
A=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	13.9939	29.1072	42.9891	90.0084	162.105	573.188	940.387	2185.28
A=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	29.1072	53.0087	204.87	197.929	424.07	1191.16	2256.93
vsip_cvmeansqval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	1.00056	2.00112	2.99468	5.98937	12.9863	27.9877	54.1842	106.577	220.319
A=U	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	16.009	32.0179	61.7968	129.863	252.561
A=S	0	0	0	1.00056	2.00112	3.00168	6.00336	21.9983	25.9726	52.9527	107.025	239.127	751.414	1610.3
A=S	0	0	0	1.00056	2.00112	3.00168	6.00336	13.9939	26.9801	52.9527	111.055	245.844	762.161	2077.81
vsip_cvmeanval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	21.002	32.0179	95.8299	182.704
A=U	0	0	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	32.9135	56.871	157.627
A=S	0	0	0	1.00056	2.00112	3.00168	6.00336	12.9863	26.9801	52.9527	105.905	150.91	931.431	1592.39
A=S	0	0	0	1.00056	2.00112	3.00168	6.00336	13.9939	25.9726	58.9981	107.025	175.091	747.831	1309.38
vsip_cvmmul.f:														
Type/(m*n*p)				32^3	64^3	128^3	256^3	512^3						
A=N B=N R=N				0.999721	4.99748	20.993	40.9829	130.228						
A=U B=U R=U				0.999721	4.99748	21.9961	49.982	176.083						
A=S B=S R=S				3.99664	17.0165	75.9474	142.151	1921.33						
A=S B=S R=S				3.99664	17.0165	76.6639	147.883	1944.25						
vsip_cvmodulate.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288

A=N R=N	0	1.00143	2.00287	3.00868	6.01736	12.0347	24.0694	48.9785	94.0387	201.511	373.916	770.222	1540.44	3134.62
A=U R=U	0	1.00143	2.00287	3.00868	6.01736	12.0347	25.049	52.0571	95.1582	204.87	378.394	783.656	1540.44	3152.53
A=S R=S	0.999248	1.00143	2.00287	4.00574	8.01148	17.0025	32.0459	64.9315	128.184	257.487	561.993	1173.24	3054.02	6036.39
A=S R=S	0.999248	1.00143	2.00287	4.00574	8.01148	17.0025	32.0459	64.9315	130.982	301.148	546.32	1410.58	2839.07	6036.39
vsip_cvmprod.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N A=N Y=N				1.00056	2.99468	17.0165	107.025	437.952						
X=U A=U Y=U				1.00056	4.00224	20.9908	154.94	777.386						
X=S A=S Y=S				3.00168	13.9939	62.1327	311.223	2445.01						
X=S A=S Y=S				3.00168	13.9939	62.1327	311.223	2436.05						
vsip_cvmprod.i:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N A=N Y=N				6.99693	26.0286	110.831	541.842	2221.1						
X=U A=U Y=U				6.99693	26.0286	110.831	539.603	2221.1						
X=S A=S Y=S				6.99693	27.0081	132.102	707.529	5230.34						
X=S A=S Y=S				6.99693	27.0081	133.781	707.529	5212.43						
vsip_cvmprod.si:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N A=N Y=N				6.99693	26.0286	108.033	476.91	2194.24						
X=U A=U Y=U				6.99693	26.0286	108.033	465.715	2194.24						
X=S A=S Y=S				6.99693	26.0286	120.907	553.037	3636.16						
X=S A=S Y=S				6.99693	26.0286	119.787	544.081	3671.99						
vsip_cvmsa.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	2.00112	2.99468	9.01204	21.9983	93.0311	87.0977	214.05	328.688	1178.62
A=U B=U R=U	0	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	38.0073	70.9768	77.9178	141.058	308.984
A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	20.9908	41.9816	86.2021	201.511	353.765	1271.76	2462.92	4424.3
A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	21.9703	41.9816	63.812	192.555	423.174	1182.2	2104.68	4119.79
vsip_cvmsb.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N C=N R=N	0	0	0	0	1.00056	1.00056	2.00112	4.9958	12.9863	23.0059	49.0345	135.013	142.849	420.935
A=U B=U C=U R=U	0	0	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	16.009	97.957	37.0557	190.092	151.805
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.9877	55.1358	200.952	166.807	752.309	1612.09	2982.37	5624.41
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.9877	55.1358	138.819	182.48	709.768	1679.26	2830.12	5481.11
vsip_cvmul.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	2.00112	4.00224	8.00448	20.9908	95.0462	169.046	124.041	393.171	951.134
A=U B=U R=U	0	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	23.0059	46.0118	180.017	85.0826	238.231
A=S B=S R=S	0	1.00143	0.997062	1.99412	3.98825	10.0056	21.9703	43.1011	83.9631	137.699	443.325	1200.11	2095.72	4137.7
A=S B=S R=S	0	1.00143	0.997062	1.99412	3.98825	9.02603	21.9703	41.9816	95.1582	163.448	362.721	1141.9	2041.98	4119.79
vsip_cvneg.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	1.00056	4.00224	6.99693	17.0165	94.0387	96.0538	210.915	336.748	644.837
A=U R=U	0	0	0	0	0	1.00056	4.9958	6.99693	18.0241	25.9726	60.0056	93.1431	334.957	650.21
A=S R=S	0	0	0.997062	1.99412	3.00168	6.00336	16.9326	36.9438	72.2083	93.0311	184.943	747.831	2015.11	3170.45
A=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	16.9326	36.1041	71.0888	90.0084	182.032	832.914	1486.71	2973.41
vsip_cvouter.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N Y=N R=N				1.00056	4.00224	17.0165	51.9452	233.753						
X=U Y=U R=U				1.00056	4.00224	18.0241	79.9329	355.556						
X=S Y=S R=S				3.00168	12.0067	57.0949	226.141	1316.54						
X=S Y=S R=S				3.00168	12.0067	62.1327	228.38	1307.59						
vsip_cvputattrib.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvputattrib.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2 TIMINGS

vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.999497
vsip_cvputstride.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvputstride.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvrandn.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
R=N	2.00068	4.00137	6.99693	15.0084	30.0168	58.9841	118.948	258.047	498.741	991.884	1988.25	3913.8	7773.86	15583.6	
R=U	2.00068	4.00137	6.99693	15.0084	30.0168	60.0336	118.948	237.895	489.225	967.255	1938.99	3904.84	7809.69	15619.4	
R=S	2.00068	4.00137	6.99693	15.0084	29.0023	60.0336	118.948	237.895	480.269	976.211	1947.94	3904.84	7979.85	15906	
R=S	2.00068	4.00137	6.99693	15.0084	29.0023	60.0336	118.948	261.965	488.106	972.852	1988.25	3922.76	7935.07	15870.1	
vsip_cvrandu.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
R=N	0	1.00143	2.00287	3.00868	8.99105	13.0143	26.0286	52.0571	104.114	207.109	416.457	828.436	1683.74	3277.92	
R=U	0	1.00143	2.00287	3.00868	6.01736	12.0347	25.049	50.098	100.196	210.468	418.696	832.914	1674.78	3277.92	
R=S	0	1.00143	2.00287	3.00868	6.01736	13.0143	29.9468	54.0163	102.995	208.228	411.979	859.782	1871.82	3761.55	
R=S	0	1.00143	2.00287	3.00868	6.01736	13.0143	26.0286	52.8968	106.913	210.468	411.979	859.782	1952.42	4012.32	
vsip_cvrecip.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	0	0	1.00056	2.00112	3.00168	6.00336	10.9992	36.9997	45.0042	66.051	164.792	348.391	979.793	
A=U R=U	0	0	0	0	1.00056	2.00112	4.9958	9.99161	33.0255	24.965	92.0236	163.896	298.237	900.98	
A=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	16.9326	36.9438	73.8875	127.624	216.065	926.953	1889.73	3457.04	
A=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	18.0521	34.9846	59.8937	127.624	270.921	864.26	1746.43	3206.27	
vsip_cvrsdiv.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	0	0	0	1.00056	4.9958	6.99693	16.009	51.0496	117.996	124.937	334.061	752.309		
A=U R=U	0	0	0	0	1.00056	4.9958	8.00448	18.0241	57.9905	62.0207	133.893	339.435	723.65		
A=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	16.9326	36.1041	69.9693	122.026	199.049	613.49	1746.43	3224.18	
A=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	15.953	36.1041	71.0888	214.946	235.097	720.963	1594.18	3313.74	
vsip_cvsam.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N C=N R=N	0	0	0	1.00056	2.00112	2.99468	8.00448	55.0238	77.0222	130.982	275.847	362.721	1212.65		
A=U C=U R=U	0	0	0	1.00056	1.00056	3.00168	4.9958	12.0067	33.0255	109.04	160.09	213.154	345.704	840.079	
A=S C=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	21.9703	43.1011	63.812	116.429	349.287	1240.41	2391.27	4513.86	
A=S C=S R=S	0	1.00143	0.997062	1.99412	5.0028	9.02603	21.9703	41.9816	77.8058	165.687	360.482	1289.67	2265.88	4531.77	
vsip_cvsbm.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N C=N R=N	0	0	0	1.00056	1.00056	2.00112	4.9958	12.0067	64.9315	37.0557	135.013	170.165	734.397	1506.41	
A=U B=U C=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	16.009	69.9693	46.0118	154.94	287.042	645.732	1377.44	
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.9877	55.9754	89.0009	214.946	651.554	1880.77	3125.67	5821.44	
A=S B=S C=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.0081	55.1358	91.7997	156.731	803.807	1634.48	2955.5	5839.35	
vsip_cvsctt.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
X=N Y=N I=N	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	41.9816	63.812	152.253	335.852	725.441	1853.91	4764.63	
X=U Y=U I=U	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	29.9468	63.812	164.568	333.613	738.875	1638.96	4836.27	
X=S Y=S I=S	0	0	0.997062	1.99412	3.98825	10.0056	25.049	50.098	109.152	235.097	626.924	2158.41	5427.37	12699.7	
X=S Y=S I=S	0	0	0.997062	1.99412	3.98825	10.0056	21.9703	50.098	110.272	241.814	647.076	2185.28	5445.29	12610.1	
vsip_cvsma.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N C=N R=N	0	0	0	1.00056	2.00112	4.00224	9.01204	119.228	47.0193	177.106	163.896	312.567	1133.84		
A=U C=U R=U	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	35.9922	102.995	81.948	189.869	360.929	938.596	
A=S C=S R=S	0	0	0.997062	1.99412	3.98825	10.0056	24.0694	41.9816	293.871	133.221	380.633	1204.59	2328.58	4495.94	
A=S C=S R=S	0	1.00143	0.997062	1.99412	5.0028	9.02603	21.9703	41.9816	75.007	228.38	317.94	1200.11	2274.84	4567.59	
vsip_cvsmsa.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	0	0	0	1.00056	1.00056	4.00224	6.99693	16.009	65.0434	44.1086	205.989	248.979	730.815	

A=U R=U	0	0	0	0	1.00056	1.00056	4.9958	8.00448	18.9757	58.9981	53.9603	121.802	335.852	668.122
A=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	36.9438	72.768	147.775	226.141	900.084	1809.12	3188.36
A=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	16.9326	36.9438	77.2461	81.948	171.956	891.128	1630	3654.07
vsip_cvsqrt.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0.999248	1.9985	3.99699	7.99399	15.988	31.9759	64.9315	129.863	269.242	513.854	1065.77	2033.03	4092.92	8257.49
A=U R=U	0.999248	1.9985	3.99699	6.99693	15.0084	30.0168	59.054	118.948	236.776	480.269	973.972	1947.94	3886.93	7845.51
A=S R=S	0.999248	1.9985	3.99699	9.00854	17.0025	34.9846	69.9693	139.099	300.028	573.188	1144.14	2395.75	4800.45	9600.9
A=S R=S	0.999248	1.9985	3.99699	9.00854	17.0025	37.0137	75.007	139.939	282.116	561.993	1193.4	2382.31	4782.54	9618.81
vsip_cvsub.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	2.00112	4.00224	8.00448	20.9908	78.0297	156.955	144.193	436.16	1391.77
A=U B=U R=U	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	23.0059	76.0146	94.0387	184.943	425.413	854.409
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	20.9908	43.1011	83.9631	117.548	418.696	1464.32	2328.58	4478.03
A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	9.02603	20.9908	43.1011	89.0009	125.385	450.042	1379.23	2301.71	4549.68
vsip_cvsubview.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvsubview.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvsubview.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	3.00028	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_cvsumval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	1.00056	2.00112	4.9986	9.99721	21.002	33.0031	372.572	168.911
A=U	0	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	17.0165	32.9135	51.0496	135.237	259.726
A=S	0	0	0	1.00056	2.00112	3.00168	6.00336	12.9863	26.9801	51.9452	109.936	218.08	720.963	1827.04
A=S	0	0	0	1.00056	1.00056	3.00168	6.00336	13.9939	27.9877	56.983	105.905	432.13	652.897	1329.08
vsip_cvsumval.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	2.00112	4.00224	6.99693	8.00448	11.9787	85.9782	98.9645	145.088	283.907	560.65
A=U	0	0	0	1.00056	2.00112	4.00224	8.00448	8.00448	24.0134	35.0406	51.0496	81.948	214.946	517.661
A=S	0	0	0	1.00056	2.00112	4.00224	8.00448	9.99161	35.9922	42.9891	68.0661	144.193	796.194	1429.39
A=S	0	0	0	1.00056	2.00112	4.00224	8.00448	12.9863	18.0241	53.9603	130.982	161.209	567.814	1309.38
vsip_cvswap.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	12.9863	33.0255	68.9617	171.956	265.995	775.595
A=U B=U	0	0	0	0	1.00056	1.00056	2.99468	6.99693	13.9939	42.9891	70.9768	124.041	276.742	840.079
A=S B=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	20.0112	45.8998	91.7997	158.97	297.789	837.392	2319.62	4137.7
A=S B=S	0	1.00143	0.997062	1.99412	5.0028	12.0347	20.9908	43.9407	97.957	111.951	259.726	904.562	2024.07	4155.61
vsip_exp.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_fft2d_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	10.9983	11.0202	13.0318	16.0055	30.0168	51.0076	90.96	197.873	722.083	1027.71	3560.04	7836.56	5588.58	11213
vsip_fft2d_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_fft_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0.999248	1.00143	0.997062	1.00056	1.00056	1.00056	1.00056	10.9992	19.9832	50.042	98.0689	244.948	18.9869	22.9275

vsip_fft_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_fftm_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	5.00717	5.99112	5.99986	6.99693	10.0056	20.0112	36.9438	64.0918	283.795	426.533	1780.02	3877.98	2785.34	5606.5
vsip_fftm_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_finalize:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0.999497
vsip_fir_create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
kernel=N	0	1.00143	23.0024	33.9351	57.0249	112.65	225.301	618.528	2127.07	4601.18	9179.97	19524.2	11374.2	20778.1
kernel=U	0	0	23.9645	34.9846	60.8732	114.75	195.914	375.035	1953.54	4769.1	9068.02	18673.4	9941.23	19882.5
kernel=S	0	0	23.0024	33.9351	60.8732	111.951	215.505	386.23	1970.33	4589.98	9269.53	18449.5	9314.31	19524.2
kernel=S	0	0	23.0024	34.9846	60.1736	111.951	232.298	338.651	2071.09	4366.08	9090.41	18539.1	9403.87	19166
vsip_fir_destroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
kernel=N	0	0	2.99993	1.99412	3.00168	7.97649	13.9939	29.9468	46.0118	192.555	423.174	994.123	582.144	1153.54
kernel=U	0	0	2.99993	3.00868	3.00168	3.00168	4.9958	5.98937	45.0042	179.121	476.91	1025.47	633.194	1166.08
kernel=S	0	0	2.99993	3.00868	3.00168	4.00224	4.9958	5.98937	46.0118	172.404	458.998	985.167	638.567	1162.5
kernel=S	0	0	2.99993	3.00868	3.00168	4.00224	4.9958	5.0098	45.0042	192.555	481.388	1012.04	598.265	1169.66
vsip_firflt.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
x=N y=N	2.99556	10.0143	2.99993	5.99986	13.0143	30.0168	66.051	153.932	582.144	1153.09	1941.23	2959.98	5230.34	12520.6
x=U y=U	2.99556	10.0143	2.99993	5.99986	13.0143	27.9877	63.9519	167.926	856.424	1090.4	1459.84	2937.59	5015.4	11714.5
x=S y=S	2.99556	11.0202	3.99699	7.99399	18.0171	38.9729	81.0244	184.999	755.668	1265.04	1605.37	3313.74	5884.13	13738.6
x=S y=S	2.99556	10.0143	3.99699	7.99399	17.0025	38.9729	103.974	184.999	682.9	1309.82	1697.17	3600.34	6976.77	14329.7
vsip_fir_getattr.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
kernel=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kernel=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kernel=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kernel=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_fir_reset.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
x=N y=N	5.00717	19.985	5.99986	11.9997	25.9936	58.0045	130.982	307.865	1724.04	2530.09	3694.38	7299.19	12628.1	30988
x=U y=U	5.00717	19.985	5.99986	11.9997	25.9936	58.0045	128.044	324.657	2412.54	2574.87	3716.77	7523.09	13434.1	30450.6
x=S y=S	5.99112	21.9966	6.99693	16.0055	34.9846	77.6659	166.527	358.243	1511.34	2944.31	4097.4	9269.53	14956.6	33137.4
x=S y=S	5.99112	20.9908	8.00273	16.0055	34.0051	77.6659	167.926	458.998	1477.75	2809.97	3918.28	8597.82	13523.7	31346.2
vsip_floor.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_gemp.f:														
Type/(m*n*p)				32*3	64*3	128*3	256*3	512*3						
A=N B=N R=N				6.99693	44.9594	285.161	2619.47	26595.9						
A=U B=U R=U				8.00448	53.0199	341.763	3341.69	36225.5						
A=S B=S R=S				19.0316	95.8299	723.65	6362.39	67406.9						
A=S B=S R=S				19.0316	95.8299	723.65	6362.39	67406.9						
vsip_gems.f:														
Type/(m*n)				32*2	64*2	128*2	256*2	512*2						
A=N C=N				1.00056	2.99468	11.0272	32.0179	77.0222						
A=U C=U				1.00056	2.99468	11.9787	34.033	71.0216						
A=S C=S				3.00168	10.0056	39.0149	68.0661	863.365						
A=S C=S				3.00168	10.0056	39.0149	62.0207	849.035						
vsip_imag.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_init:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_llsqsol.f:															
Type/(m*n*p)				32^3	64^3	128^3	256^3	512^3							
A=N XB=N				105.01	694.991	4141.28	18399.3	125643							
A=U XB=U				104.002	710.216	4270.25	20978.7	158658							
A=S XB=S				67.9541	473.776	2421.72	12896.7	74285.2							
A=S XB=S				66.9466	470.193	2400.23	12896.7	71533.9							
vsip_log10.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_log.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_lud_create.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	2.00392	0	2.00168	1.00308	2.00616	
vsip_lud_destroy.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0.998601	1.9972	2.00616	
vsip_lud.f:															
Type/(n*n)				32^2	64^2	128^2	256^2	512^2							
A=N				22.9849	153.932	766.863	3134.62	16120.9							
A=U				22.0053	146.935	794.851	3515.26	18539.1							
A=S				22.9849	148.335	666.107	3112.23	16837.4							
A=S				22.9849	149.734	733.278	3134.62	16747.8							
vsip_lud_getattr.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_lusol.f:															
Type/(n*p)				32^2	64^2	128^2	256^2	512^2							
XB=N				20.0112	302.267	934.789	3895.89	28569.8							
XB=U				20.9908	288.273	979.57	4298.91	36630.3							
XB=S				25.9936	130.982	688.497	4052.62	32689.6							
XB=S				25.9936	130.982	682.9	4052.62	32600.1							
vsip_macos.f:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N R=N				5.0028	20.0112	34.9846	109.04	326.896							
A=U R=U				5.0028	16.9326	40.0224	109.936	312.567							
A=S R=S				6.01736	22.9499	47.0193	139.939	598.265							
A=S R=S				6.01736	20.0112	47.0193	145.088	599.161							
vsip_madd.f:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N B=N R=N				1.00056	2.00112	8.00448	34.9287	146.879							
A=U B=U R=U				1.00056	2.99468	10.0196	51.9452	197.929							
A=S B=S R=S				3.00168	10.0056	43.9967	173.076	1513.57							
A=S B=S R=S				3.00168	10.0056	43.9967	173.972	1513.57							
vsip_madd.i:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N B=N R=N				2.00112	16.9326	23.0059	55.9754	96.7255							
A=U B=U R=U				1.00056	13.9939	23.0059	57.0949	144.193							
A=S B=S R=S				2.00112	13.0003	39.0149	107.921	1128.46							
A=S B=S R=S				2.00112	13.9939	38.0073	107.025	1083.68							
vsip_mag.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_malldestroy.bl:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
matrix=N				0	0	0	0	1.9972							
matrix=U				0	0	0	0	1.9972							
matrix=S				0	0	0	0	1.9972							
matrix=S				0	0	0	0	1.9972							

vsip_malldestroy.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	1.9972
matrix=U	0	0	0	0	1.9972
matrix=S	0	0	0	0	1.9972
matrix=S	0	0	0	0	1.9972
vsip_malldestroy.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	1.9972
matrix=U	0	0	0	0	1.9972
matrix=S	0	0	0	0	1.9972
matrix=S	0	0	0	0	1.9972
vsip_malldestroy.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	1.00308
matrix=U	0	0	0	0	1.00308
matrix=S	0	0	0	0	1.00308
matrix=S	0	0	0	0	1.00308
vsip_malltrue.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	0	0	0	10.0308
A=U	0	0	0	0	7.99777
A=S	0	0	0	0	8.95606
A=S	0	0	0	0	7.99777
vsip_mand.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	18.0241	62.0207	197.929
A=U B=U R=U	2.00112	6.99693	18.9757	44.1086	146.879
A=S B=S R=S	2.00112	10.0056	28.9953	90.9041	1074.73
A=S B=S R=S	2.00112	10.0056	27.9877	90.0084	1083.68
vsip_mand.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	1.00056	6.99693	18.0241	62.0207	137.923
A=U B=U R=U	2.00112	6.99693	21.9983	44.1086	109.264
A=S B=S R=S	2.00112	10.0056	30.0028	85.0826	583.04
A=S B=S R=S	2.00112	10.0056	27.9877	88.8889	591.996
vsip_mand.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	24.0134	55.9754	148.671
A=U B=U R=U	2.00112	6.99693	13.9939	53.9603	139.715
A=S B=S R=S	2.00112	8.00448	30.0028	68.0661	358.243
A=S B=S R=S	2.00112	8.00448	25.021	60.9012	316.149
vsip_manytrue.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	0	0	0	16.0314
A=U	0	0	0	0	7.99777
A=S	0	0	0	0	24.9874
A=S	0	0	0	0	16.0314
vsip_marg.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	6.01736	24.0694	96.8374	385.111	1567.31
A=U R=U	6.01736	24.0694	95.1582	380.633	1549.4
A=S R=S	10.0056	32.0459	129.863	523.93	2516.65
A=S R=S	10.0056	32.0459	130.982	521.691	2498.74
vsip_masin.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	3.00168	12.0067	31.0104	96.0538	241.814
A=U R=U	3.98825	10.9992	34.9846	96.9494	263.308
A=S R=S	5.0028	22.9499	43.9967	128.072	627.82
A=S R=S	5.0028	13.0003	33.0255	117.101	637.672
vsip_matan2.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	6.01736	18.0521	61.0132	226.141	417.353
A=U B=U R=U	6.01736	20.9908	58.2144	147.999	411.083

A=S B=S R=S				8.99105	27.9877	77.8058	208.005	1182.2						
A=S B=S R=S				8.99105	27.0081	61.0132	192.108	1110.55						
vsip_matan.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				3.00168	13.9939	31.0104	72.0963	198.825						
A=U R=U				3.00168	10.9992	33.0255	72.9919	203.303						
A=S R=S				3.98825	15.953	43.9967	103.89	626.029						
A=S R=S				3.98825	15.953	41.9816	118.892	615.282						
vsip_matindex:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_mbind.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_mbind.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_mbind.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_mbind.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_mcloneview.bl:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	0	0						
matrix=U				0	0	0	0	0						
matrix=S				0	0	0	0	0						
matrix=S				0	0	0	0	0						
vsip_mcloneview.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	0	0						
matrix=U				0	0	0	0	0						
matrix=S				0	0	0	0	0						
matrix=S				0	0	0	0	0						
vsip_mcloneview.i:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	0	0						
matrix=U				0	0	0	0	0						
matrix=S				0	0	0	0	0						
matrix=S				0	0	0	0	0						
vsip_mcloneview.si:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
matrix=N				0	0	0	0	0						
matrix=U				0	0	0	0	0						
matrix=S				0	0	0	0	0						
matrix=S				0	0	0	0	0						
vsip_mcmagsq.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				0	2.00112	5.98937	27.0921	116.429						
A=U R=U				0	2.00112	6.99693	32.9135	91.3519						
A=S R=S				3.00168	10.0056	45.0042	103.89	852.617						
A=S R=S				2.00112	10.0056	45.0042	111.055	922.475						
vsip_mcmplx.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N B=N R=N				0	4.00224	12.9863	38.0633	157.627						
A=U B=U R=U				0	2.99468	15.0014	44.1086	144.193						
A=S B=S R=S				3.00168	15.953	69.9693	182.928	1567.31						
A=S B=S R=S				3.00168	15.953	72.2083	165.015	1576.27						
vsip_mcolindex:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

vsip_mcolview.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mcolview.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mcolview.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mcolview.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mcopy.bl.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	2.99468	10.0196	44.1086	143.297
A=U R=U	1.00056	2.99468	10.0196	32.9135	89.0233
A=S R=S	1.00056	4.00224	24.0134	77.9178	602.743
A=S R=S	1.00056	4.00224	24.0134	62.0207	582.144
vsip_mcopy.bl.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	4.00224	15.0014	36.9438	93.1431
A=U R=U	1.00056	4.00224	15.0014	32.9135	85.9782
A=S R=S	1.00056	4.00224	25.021	70.0812	606.326
A=S R=S	1.00056	4.00224	25.021	72.0963	607.221
vsip_mcopy.f.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	2.99468	10.0196	45.0042	91.3519
A=U R=U	1.00056	2.99468	10.0196	40.974	89.5606
A=S R=S	1.00056	4.00224	24.0134	66.9466	608.117
A=S R=S	1.00056	4.00224	25.021	72.9919	606.326
vsip_mcopy.f.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	4.9986	25.9726	110.16
A=U R=U	0	2.00112	9.01204	42.9891	171.061
A=S R=S	2.00112	6.00336	32.0179	126.952	940.387
A=S R=S	2.00112	6.00336	33.0255	126.952	904.562
vsip_mcopy.f.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	2.99468	10.0196	40.0784	109.264
A=U R=U	1.00056	2.99468	10.0196	40.0784	108.368
A=S R=S	1.00056	4.00224	25.021	70.9768	583.935
A=S R=S	1.00056	4.00224	24.0134	68.0661	600.952
vsip_mcopy.f.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	11.9997	13.9939	18.0241	36.0482	94.9343
A=U R=U	8.99105	16.9326	18.9757	38.9589	83.0227
A=S R=S	8.99105	20.0112	11.0272	42.9891	199.72
A=S R=S	13.0143	13.0003	17.0165	44.1086	202.407
vsip_mcopy.i.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	4.00224	15.0014	34.9287	108.368
A=U R=U	1.00056	4.00224	15.0014	32.9135	106.577

A=S R=S	1.00056	4.00224	25.021	70.0812	541.842									
A=S R=S	1.00056	4.00224	25.021	70.9768	592.891									
vsip_mcopy_i.i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	4.00224	10.0196	38.9589	110.16									
A=U R=U	1.00056	2.99468	10.0196	45.8998	105.682									
A=S R=S	1.00056	4.00224	24.0134	68.0661	580.353									
A=S R=S	1.00056	4.00224	24.0134	66.051	606.326									
vsip_mcopy_i.si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	2.99468	10.0196	40.0784	160.314									
A=U R=U	1.00056	2.99468	10.0196	40.0784	160.314									
A=S R=S	1.00056	2.99468	18.0241	72.9919	474.671									
A=S R=S	1.00056	2.99468	18.0241	72.9919	480.045									
vsip_mcopy_si.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	4.00224	15.0014	34.033	111.951									
A=U R=U	1.00056	4.00224	15.0014	42.9891	111.951									
A=S R=S	1.00056	4.00224	21.9983	70.0812	386.006									
A=S R=S	1.00056	4.00224	21.9983	66.9466	385.111									
vsip_mcopy_si.i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	2.99468	10.0196	40.0784	159.418									
A=U R=U	1.00056	2.99468	10.0196	40.0784	159.418									
A=S R=S	1.00056	2.99468	19.9832	83.0675	529.303									
A=S R=S	1.00056	4.00224	19.9832	83.0675	531.99									
vsip_mcopy_si.si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	2.99468	17.0165	34.033	85.9782									
A=U R=U	1.00056	2.99468	15.0014	32.9135	92.2475									
A=S R=S	1.00056	2.99468	21.9983	42.0935	142.401									
A=S R=S	1.00056	2.99468	19.9832	44.1086	145.088									
vsip_mcos.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	3.98825	16.9326	38.0073	96.9494	300.924									
A=U R=U	3.98825	15.953	35.9922	102.099	284.803									
A=S R=S	6.01736	21.9703	54.0163	128.072	627.82									
A=S R=S	6.01736	21.9703	58.7742	137.923	636.776									
vsip_mcosh.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	5.0028	21.9703	86.7619	349.287	1415.06									
A=U R=U	6.01736	20.9908	85.0826	340.33	1388.19									
A=S R=S	6.99693	27.0081	110.272	438.847	1907.64									
A=S R=S	6.99693	27.0081	110.272	438.847	1889.73									
vsip_mcreate_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	2.00112	0	0	2.00392	0	0	0	2.00616
vsip_mcreate_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	2.00112	0	0	3.00028	0	0	0	2.00616
vsip_mcreate_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	2.00112	0	0	3.00028	0	0	0	2.00616
vsip_mcreate_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0.999721	0	0	0	2.00616
vsip_mcumsum.f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N B=N	1.00056	4.00224	16.009	62.9164	255.248									
A=U B=U	1.00056	4.00224	17.0165	64.9315	263.308									
A=S B=S	2.00112	8.00448	39.0149	154.044	1110.55									
A=S B=S	2.00112	8.00448	39.0149	154.044	1110.55									

vsip_mcumsum.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	1.00056	4.00224	16.009	60.9012	240.918
A=U B=U	1.00056	4.00224	16.009	60.9012	240.918
A=S B=S	1.00056	4.00224	25.9726	102.995	904.562
A=S B=S	1.00056	4.00224	25.9726	102.995	885.755
vsip_mdestroy_bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdestroy_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdestroy_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdestroy_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdiagview_bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdiagview_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdiagview_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdiagview_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mdiv_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	1.00056	4.00224	17.0165	47.9149	128.072
A=U B=U R=U	1.00056	4.9958	17.0165	49.9301	93.1431
A=S B=S R=S	3.00168	10.0056	47.0193	124.937	1056.82
A=S B=S R=S	2.00112	10.0056	47.0193	124.937	1065.77
vsip_meuler_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	6.01736	19.0316	45.0042	128.967	387.798
A=U R=U	5.0028	21.9703	41.9816	126.057	352.869
A=S R=S	6.99693	26.0286	41.9816	163.896	1253.85

A=S R=S	6.99693	16.9326	55.0238	162.105	1262.81
vsip_mexp10.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	10.0056	29.9468	68.8497	282.116	652.897
A=U R=U	10.0056	26.0286	69.9693	143.073	528.408
A=S R=S	11.9997	26.0286	68.8497	160.09	806.941
A=S R=S	11.9997	27.0081	77.8058	160.09	803.359
vsip_mexp.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	3.00168	12.0067	23.0059	62.9164	197.929
A=U R=U	2.00112	8.99805	16.009	66.051	159.418
A=S R=S	3.98825	15.953	34.9846	94.9343	599.161
A=S R=S	3.98825	15.953	34.9846	94.9343	608.117
vsip_mexpoavg.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	0	1.00056	4.9986	27.0921	108.368
A=U B=U	0	1.00056	5.98937	27.9877	111.951
A=S B=S	2.00112	6.99693	34.9846	139.939	1047.86
A=S B=S	2.00112	6.99693	34.9846	141.058	922.475
vsip_mfill.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
R=N	0	1.00056	3.00028	10.0084	50.96
R=U	0	1.00056	1.99832	9.00084	53.0199
R=S	1.00056	2.99468	11.9787	62.0207	205.094
R=S	1.00056	2.99468	11.0272	62.0207	189.869
vsip_mfill.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
R=N	1.00056	2.99468	10.0196	29.1072	80.9628
R=U	1.00056	2.99468	10.0196	34.9287	68.9617
R=S	1.00056	2.99468	11.9787	62.9164	230.171
R=S	1.00056	2.99468	11.9787	55.9754	213.154
vsip_mfill.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
R=N	1.00056	2.99468	10.0196	23.9575	119.116
R=U	1.00056	2.99468	10.0196	23.0619	102.099
R=S	1.00056	2.99468	10.0196	36.0482	104.786
R=S	1.00056	2.99468	10.0196	32.9135	110.16
vsip_mgather.f:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	0	0	0	0.997347	1.99928
A=U B=U R=U	0	0	0	0.997347	1.99928
A=S B=S R=S	0	0	0	0.997347	1.99928
A=S B=S R=S	0	0	0	0.997347	1.99928
vsip_mgather.i:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	0	0	0	0.997347	1.99928
A=U B=U R=U	0	0	0	0.997347	1.99928
A=S B=S R=S	0	0	0	0.997347	1.99928
A=S B=S R=S	0	0	0	0.997347	1.99928
vsip_mgather.si:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	0	0	0	0.997347	1.99928
A=U B=U R=U	0	0	0	0.997347	1.99928
A=S B=S R=S	0	0	0	0.997347	1.99928
A=S B=S R=S	0	0	0	0.997347	1.99928
vsip_mgetattrib.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetattrib.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0

matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetattrib.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetattrib.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetblock.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetblock.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetblock.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetblock.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mget.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcollength.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcollength.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcollength.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcollength.si:					

Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcolstride_bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcolstride_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcolstride_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetcolstride_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mget_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mget_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetoffset_bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetoffset_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetoffset_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetoffset_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0

vsip_mgetrowlength.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetrowstride.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetrowstride.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetrowstride.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mgetrowstride.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mget.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mhypot.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.00336	20.9908	60.0056	161.209
A=U B=U R=U	1.00056	4.9958	11.9787	49.9301	128.967
A=S B=S R=S	3.98825	13.9939	40.974	124.041	1173.24
A=S B=S R=S	3.00168	13.9939	48.9785	122.922	1191.16
vsip_mimag.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	4.00224	19.0092	76.037
A=U R=U	0	1.00056	4.00224	30.0028	73.9771
A=S R=S	2.00112	6.00336	36.9997	87.0977	677.974
A=S R=S	2.00112	6.99693	36.9997	85.9782	568.71
vsip_mimagview.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
complex_matrix=N	0	0	0	0	0
complex_matrix=U	0	0	0	0	0
complex_matrix=S	0	0	0	0	0
complex_matrix=S	0	0	0	0	0
vsip_mimagview.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
complex_matrix=N	0	0	0	0	0
complex_matrix=U	0	0	0	0	0
complex_matrix=S	0	0	0	0	0
complex_matrix=S	0	0	0	0	0
vsip_mimagview.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
complex_matrix=N	0	0	0	0	0
complex_matrix=U	0	0	0	0	0
complex_matrix=U	0	0	0	0	0

complex_matrix=S	0	0	0	0	0
complex_matrix=S	0	0	0	0	0
vsip_minvlu.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N V=N R=N	47.9289	435.209	1707.25	7254.41	48810.6
A=U V=U R=U	47.9289	417.017	1724.04	7299.19	48004.5
vsip_mleq.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	4.9986	32.0179	103.89
A=U B=U R=U	0	1.00056	6.99693	27.0921	94.9343
A=S B=S R=S	3.00168	10.0056	46.0118	120.907	1182.2
A=S B=S R=S	2.00112	10.0056	46.0118	120.907	1137.42
vsip_mleq.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	30.0028	51.0496	190.764
A=U B=U R=U	2.00112	6.99693	30.0028	60.0056	120.907
A=S B=S R=S	2.00112	10.0056	49.986	100.98	1074.73
A=S B=S R=S	2.00112	10.0056	49.986	100.98	1092.64
vsip_mlge.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	4.9986	30.8984	88.0381
A=U B=U R=U	0	2.00112	6.99693	21.002	77.0222
A=S B=S R=S	3.00168	8.99805	46.0118	124.041	1065.77
A=S B=S R=S	2.00112	10.0056	46.0118	105.905	1074.73
vsip_mlge.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	13.9939	51.9452	109.264
A=U B=U R=U	2.00112	6.99693	18.9757	60.0056	113.742
A=S B=S R=S	2.00112	10.0056	40.974	115.981	1074.73
A=S B=S R=S	2.00112	10.0056	33.0255	87.9933	1065.77
vsip_mlgT.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	5.98937	27.0921	113.742
A=U B=U R=U	0	1.00056	8.00448	30.0028	85.9782
A=S B=S R=S	3.00168	10.0056	46.0118	139.043	1083.68
A=S B=S R=S	2.00112	10.0056	47.0193	107.921	1155.33
vsip_mlgT.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	16.009	45.8998	148.671
A=U B=U R=U	2.00112	6.99693	24.0134	60.0056	145.088
A=S B=S R=S	2.00112	10.0056	30.0028	92.9192	1155.33
A=S B=S R=S	2.00112	10.0056	33.9771	90.9041	1137.42
vsip_mlle.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	5.98937	36.9438	89.0233
A=U B=U R=U	1.00056	2.00112	6.99693	36.0482	78.9925
A=S B=S R=S	3.00168	10.0056	46.0118	141.954	1164.29
A=S B=S R=S	2.00112	10.0056	47.0193	135.013	1146.38
vsip_mlle.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	30.0028	68.0661	156.731
A=U B=U R=U	2.00112	6.99693	30.0028	77.9178	114.638
A=S B=S R=S	2.00112	10.9992	49.986	120.011	1074.73
A=S B=S R=S	2.00112	10.0056	49.986	109.04	1083.68
vsip_mllt.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	4.9986	23.9575	110.16
A=U B=U R=U	0	2.00112	6.99693	29.1072	93.1431
A=S B=S R=S	3.00168	10.0056	45.0042	105.905	1029.95
A=S B=S R=S	2.00112	10.0056	46.0118	132.998	1065.77
vsip_mllt.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	12.9863	45.8998	148.671
A=U B=U R=U	2.00112	6.99693	23.0059	44.1086	109.264

A=S B=S R=S	2.00112	10.0056	34.9846	81.0524	1083.68
A=S B=S R=S	2.00112	10.0056	34.9846	98.9645	1083.68
vsip_mlne.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	5.98937	30.8984	79.9777
A=U B=U R=U	0	2.00112	6.99693	34.9287	84.0079
A=S B=S R=S	3.00168	10.0056	46.0118	188.973	985.167
A=S B=S R=S	3.00168	10.0056	47.0193	186.958	1083.68
vsip_mlne.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	19.9832	70.0812	214.05
A=U B=U R=U	2.00112	6.99693	20.9908	74.1114	109.264
A=S B=S R=S	2.00112	8.99805	34.9846	92.9192	1146.38
A=S B=S R=S	2.00112	8.99805	34.9846	90.9041	1083.68
vsip_mlog10.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	3.00168	15.953	34.9846	83.0675	223.902
A=U R=U	3.00168	13.0003	35.9922	87.0977	230.171
A=S R=S	5.0028	19.0316	54.0163	122.922	502.435
A=S R=S	5.0028	19.0316	48.0269	120.907	506.018
vsip_mlog.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	3.00168	18.0521	25.9726	77.9178	215.841
A=U R=U	3.00168	12.0067	28.9953	83.0675	219.424
A=S R=S	3.98825	12.0067	36.9997	113.07	622.446
A=S R=S	5.0028	13.0003	38.0073	113.966	629.611
vsip_mmag.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	3.00028	22.0095	70.0364
A=U R=U	0	1.00056	4.00224	19.9944	67.9765
A=S R=S	2.00112	6.99693	36.9997	96.9494	429.891
A=S R=S	2.00112	6.99693	36.9997	98.9645	471.089
vsip_mmeansqval.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	1.00056	3.00028	12.0011	60.0056
A=U	0	1.00056	3.00028	13.9939	62.9611
A=S	1.00056	2.99468	13.9939	57.0949	199.72
A=S	1.00056	2.99468	13.9939	57.9905	126.281
vsip_mmeanval.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	0	3.00028	10.9936	48.0045
A=U	0	1.00056	3.00028	12.0011	47.0193
A=S	1.00056	2.99468	13.9939	57.9905	134.341
A=S	1.00056	2.99468	13.9939	57.9905	97.6211
vsip_mmul.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	4.9986	27.0921	93.1431
A=U B=U R=U	0	2.00112	6.99693	32.9135	78.9925
A=S B=S R=S	3.00168	10.0056	46.0118	100.98	1200.11
A=S B=S R=S	2.00112	10.0056	47.0193	156.955	1191.16
vsip_mmul.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	19.9832	51.9452	145.984
A=U B=U R=U	2.00112	6.99693	21.9983	51.9452	106.577
A=S B=S R=S	2.00112	10.0056	38.0073	94.0387	1092.64
A=S B=S R=S	2.00112	10.0056	33.0255	109.936	1083.68
vsip_mneg.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	3.00028	19.9944	73.9771
A=U R=U	0	1.00056	4.00224	30.0028	72.0068
A=S R=S	2.00112	6.99693	36.9997	96.9494	669.018
A=S R=S	2.00112	6.99693	36.9997	85.9782	543.633
vsip_mneg.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2

A=N R=N	1.00056	2.99468	11.9787	38.9589	112.846
A=U R=U	1.00056	2.99468	11.9787	34.9287	100.308
A=S R=S	1.00056	4.00224	25.021	72.9919	633.194
A=S R=S	1.00056	4.00224	25.021	70.9768	610.804
vsip_mnot.bl:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N R=N	1.00056	4.00224	15.0014	47.0193	72.9919
A=U R=U	1.00056	4.00224	15.0014	40.0784	91.3519
A=S R=S	1.00056	4.00224	26.9801	66.051	658.271
A=S R=S	1.00056	4.00224	26.9801	72.9919	643.941
vsip_mnot.i:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N R=N	1.00056	2.99468	11.9787	45.0042	111.951
A=U R=U	1.00056	2.99468	11.9787	45.0042	80.9628
A=S R=S	1.00056	4.00224	25.021	66.9466	336.748
A=S R=S	1.00056	4.00224	25.021	68.9617	328.688
vsip_mnot.si:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N R=N	1.00056	4.00224	15.0014	51.0496	177.33
A=U R=U	1.00056	4.00224	15.0014	45.8998	114.638
A=S R=S	1.00056	4.00224	16.009	51.0496	165.687
A=S R=S	1.00056	4.00224	16.009	47.0193	165.687
vsip_mor.bl:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N B=N R=N	2.00112	6.99693	24.0134	51.0496	108.368
A=U B=U R=U	2.00112	6.99693	23.0059	51.0496	105.682
A=S B=S R=S	2.00112	10.0056	39.0149	87.0977	1092.64
A=S B=S R=S	2.00112	10.0056	32.0179	98.9645	1083.68
vsip_mor.i:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N B=N R=N	2.00112	6.99693	16.009	49.9301	146.879
A=U B=U R=U	2.00112	6.99693	20.9908	51.0496	154.94
A=S B=S R=S	2.00112	10.0056	39.0149	113.07	1137.42
A=S B=S R=S	2.00112	8.99805	34.9846	105.01	1146.38
vsip_mor.si:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N B=N R=N	2.00112	6.99693	15.0014	49.0345	139.715
A=U B=U R=U	2.00112	6.99693	18.9757	49.9301	143.297
A=S B=S R=S	2.00112	6.99693	26.9801	75.007	334.061
A=S B=S R=S	2.00112	8.00448	21.9983	70.0812	277.638
vsip_mpolar.f:					
Type/(m*n)	32 ²	64 ²	128 ²	256 ²	512 ²
A=N B=N C=N	8.01148	29.9468	119.787	479.149	1943.47
A=U B=U C=U	8.01148	29.9468	120.907	485.866	1970.33
A=S B=S C=S	10.9852	43.9407	155.052	626.924	3268.96
A=S B=S C=S	10.9852	39.0428	155.052	624.685	3242.1
vsip_mprod.f:					
Type/(m*n*p)	32 ³	64 ³	128 ³	256 ³	512 ³
A=N B=N R=N	6.00056	46.0342	424.159	4849.17	48147.8
A=U B=U R=U	6.99693	48.9897	530.199	5668.83	67406.9
A=S B=S R=S	17.0165	139.715	1332.66	12323.5	110052
A=S B=S R=S	17.0165	139.715	1325.5	12266.2	110511
vsip_mprod.i:					
Type/(m*n*p)	32 ³	64 ³	128 ³	256 ³	512 ³
A=N B=N R=N	42.9891	329.583	3983.66	35021.8	325112
A=U B=U R=U	42.9891	329.583	3976.49	34276.6	325571
A=S B=S R=S	42.9891	380.633	4578.34	41613.5	405817
A=S B=S R=S	42.9891	380.633	4564.01	41212.2	407193
vsip_mprod.si:					
Type/(m*n*p)	32 ³	64 ³	128 ³	256 ³	512 ³
A=N B=N R=N	58.9981	462.133	4556.85	36397.4	307229
A=U B=U R=U	58.9981	462.133	4549.68	36454.8	307229
A=S B=S R=S	58.9981	463.029	4556.85	37257.2	348498
A=S B=S R=S	58.9981	463.029	4556.85	37199.9	349415

vsip_mprodt.f:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	9.99721	52.0347	207.781	1152.11	9033.44
A=U B=U R=U	9.99721	46.0342	210.647	1192.23	9904.69
A=S B=S R=S	20.0392	85.9782	457.118	2671.06	23019.2
A=S B=S R=S	20.0392	85.9782	464.282	2659.59	22606.5
vsip_mprodt.i:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	42.9891	329.583	2744.14	21437.2	169664
A=U B=U R=U	42.9891	329.583	2736.97	21494.6	169664
A=S B=S R=S	42.9891	374.363	3102.38	24647.1	201762
A=S B=S R=S	42.9891	374.363	3123.88	24589.8	204972
vsip_mprodt.si:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N B=N R=N	58.9981	462.133	4556.85	36282.8	290262
A=U B=U R=U	58.9981	462.133	4542.52	36282.8	290262
A=S B=S R=S	58.9981	462.133	4528.19	36225.5	290721
A=S B=S R=S	58.9981	463.029	4528.19	36225.5	289804
vsip_mputattrib.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputattrib.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputattrib.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputattrib.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mput.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcollength.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcollength.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcollength.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0

matrix=S	0	0	0	0	0
vsip_mputcollength_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcolstride_bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcolstride_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcolstride_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputcolstride_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mput_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mput_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputoffset_bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputoffset_f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputoffset_i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputoffset_si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0

matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowlength.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowlength.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowlength.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowlength.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowstride.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowstride.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowstride.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mputrowstride.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mput.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mreal.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	3.00028	13.9939	78.9925
A=U R=U	0	1.00056	4.00224	12.0011	64.0359
A=S R=S	2.00112	6.99693	36.9997	98.9645	560.65
A=S R=S	2.00112	6.00336	36.9997	87.0977	611.699
vsip_mrealview.f:					

Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
complex_matrix=N	0	0	0	0	0									
complex_matrix=U	0	0	0	0	0									
complex_matrix=S	0	0	0	0	0									
complex_matrix=S	0	0	0	0	0									
vsip_mrealview_i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
complex_matrix=N	0	0	0	0	0									
complex_matrix=U	0	0	0	0	0									
complex_matrix=S	0	0	0	0	0									
complex_matrix=S	0	0	0	0	0									
vsip_mrealview_si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
complex_matrix=N	0	0	0	0	0									
complex_matrix=U	0	0	0	0	0									
complex_matrix=S	0	0	0	0	0									
complex_matrix=S	0	0	0	0	0									
vsip_mrecip_f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	2.99468	8.00448	25.9726	112.846									
A=U R=U	0	2.00112	6.99693	32.9135	78.0073									
A=S R=S	2.00112	6.99693	38.0073	88.8889	626.924									
A=S R=S	2.00112	6.99693	36.9997	100.98	597.369									
vsip_mrect_f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N B=N R=N	6.01736	14.9734	42.9891	163.896	403.918									
A=U B=U R=U	6.01736	14.9734	43.9967	167.926	409.292									
A=S B=S R=S	8.01148	26.0286	58.7742	248.531	1576.27									
A=S B=S R=S	8.01148	20.0112	55.9754	226.141	1835.99									
vsip_mrowindex:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_mrowview_bl:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_mrowview_f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_mrowview_i:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_mrowview_si:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
matrix=N	0	0	0	0	0									
matrix=U	0	0	0	0	0									
matrix=S	0	0	0	0	0									
matrix=S	0	0	0	0	0									
vsip_mrsqrt_f:														
Type/(m*n)	32^2	64^2	128^2	256^2	512^2									
A=N R=N	1.00056	2.99468	10.0196	32.9135	134.341									
A=U R=U	1.00056	2.99468	10.0196	42.9891	89.0233									
A=S R=S	2.00112	8.00448	38.0073	102.099	594.683									
A=S R=S	2.00112	8.00448	38.0073	87.9933	624.238									
vsip_mscatter_f:														
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3									

A=N R=N B=N	0	0	0	0.997347	1.99928
A=U R=U B=U	0	0	0	0.997347	1.99928
A=S R=S B=S	0	0	0	0.997347	1.99928
A=S R=S B=S	0	0	0	0.997347	1.99928
vsip_mscatter.i:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N R=N B=N	0	0	0	0.997347	0.99964
A=U R=U B=U	0	0	0	0.997347	0.99964
A=S R=S B=S	0	0	0	0.997347	1.99928
A=S R=S B=S	0	0	0	0.997347	1.99928
vsip_mscatter.si:					
Type/(m*n*p)	32^3	64^3	128^3	256^3	512^3
A=N R=N B=N	0	0	0	0.997347	0.99964
A=U R=U B=U	0	0	0	0.997347	0.99964
A=S R=S B=S	0	0	0	0.997347	1.99928
A=S R=S B=S	0	0	0	0.997347	1.99928
vsip_msdiv.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	4.9986	25.9726	109.264
A=U R=U	1.00056	2.00112	8.00448	44.1086	180.017
A=S R=S	2.00112	6.00336	32.0179	126.057	976.211
A=S R=S	2.00112	6.00336	33.0255	126.057	940.387
vsip_msin.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	3.98825	18.0521	45.0042	100.084	309.88
A=U R=U	3.98825	16.9326	39.0149	105.01	291.968
A=S R=S	6.01736	22.9499	55.0238	141.954	660.958
A=S R=S	6.01736	22.9499	55.9754	132.998	659.166
vsip_msinh.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	5.0028	21.9703	86.7619	349.287	1415.06
A=U R=U	6.01736	20.9908	85.0826	340.33	1388.19
A=S R=S	6.99693	27.0081	109.152	436.608	1889.73
A=S R=S	6.99693	27.0081	110.272	436.608	1907.64
vsip_msq.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	1.00056	3.00028	10.9936	92.2475
A=U R=U	0	1.00056	4.00224	13.9939	71.0216
A=S R=S	2.00112	6.99693	36.9997	85.9782	634.089
A=S R=S	2.00112	6.00336	36.9997	85.9782	615.282
vsip_msqrt.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	4.00224	18.0241	32.9135	114.638
A=U R=U	1.00056	4.00224	12.9863	34.9287	103.89
A=S R=S	2.00112	8.99805	33.0255	77.0222	674.392
A=S R=S	2.00112	8.99805	26.9801	94.9343	688.721
vsip_msub.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	0	2.00112	5.98937	19.0092	86.9634
A=U B=U R=U	0	2.00112	6.99693	34.9287	73.9771
A=S B=S R=S	3.00168	10.0056	46.0118	175.987	1200.11
A=S B=S R=S	2.00112	10.0056	47.0193	165.911	1191.16
vsip_msub.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N R=N	2.00112	6.99693	30.0028	60.0056	102.995
A=U B=U R=U	2.00112	6.99693	30.0028	62.0207	94.9343
A=S B=S R=S	2.00112	10.0056	49.986	115.981	1074.73
A=S B=S R=S	2.00112	10.0056	49.986	117.101	1092.64
vsip_msubview.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0

vsip_msubview.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_msubview.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_msubview.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_msumsqval.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	1.00056	3.00028	12.0011	60.9908
A=U	0	1.00056	3.00028	13.9939	66.0062
A=S	1.00056	2.99468	13.9939	57.9905	103.89
A=S	1.00056	2.99468	13.9939	57.9905	100.308
vsip_msumval.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	0	0	3.00028	10.9936	60.0056
A=U	0	1.00056	3.00028	12.0011	64.0359
A=S	1.00056	2.99468	13.9939	57.9905	126.281
A=S	1.00056	2.99468	13.9939	57.9905	125.385
vsip_msumval.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N	1.00056	2.99468	10.0196	29.1072	56.9606
A=U	1.00056	2.00112	10.0196	34.9287	60.0056
A=S	1.00056	2.99468	11.9787	38.0633	89.0233
A=S	1.00056	2.99468	12.9863	40.974	91.3519
vsip_mswap.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	0	1.00056	4.9986	27.9877	94.9343
A=U B=U	0	1.00056	5.98937	32.0179	89.5606
A=S B=S	2.00112	8.99805	45.0042	117.101	804.255
A=S B=S	2.00112	8.99805	45.0042	118.892	814.106
vsip_mswap.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	1.00056	4.00224	16.009	40.0784	138.819
A=U B=U	1.00056	4.00224	16.009	47.0193	89.0233
A=S B=S	2.00112	6.99693	38.0073	98.9645	789.029
A=S B=S	2.00112	6.99693	35.9922	98.0689	797.09
vsip_mswap.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N B=N	1.00056	4.00224	15.0014	47.9149	288.385
A=U B=U	1.00056	4.00224	18.0241	42.0935	138.819
A=S B=S	1.00056	4.9958	21.9983	72.0963	217.632
A=S B=S	1.00056	4.9958	19.9832	70.9768	208.676
vsip_mtan.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	5.0028	13.9939	38.0073	105.905	323.314
A=U R=U	3.98825	12.0067	34.9846	103.89	279.429
A=S R=S	6.01736	25.049	49.986	147.999	642.15
A=S R=S	6.01736	15.953	50.9936	147.999	645.732
vsip_mtan.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	3.98825	19.0316	58.7742	241.814	994.123
A=U R=U	3.98825	14.9734	63.812	239.575	976.211
A=S R=S	6.01736	22.9499	91.7997	369.438	1683.74

A=S R=S	6.01736	22.9499	91.7997	369.438	1674.78
vsip_mtrans.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	2.99468	33.9771	201.959	1074.73
A=U R=U	1.00056	2.99468	33.9771	199.944	1065.77
A=S R=S	1.00056	4.9958	46.0118	223.006	1594.18
A=S R=S	1.00056	4.9958	47.0193	220.991	1603.14
vsip_mtrans.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	0	2.00112	8.00448	25.9726	128.072
A=U R=U	0	2.00112	11.9787	64.9315	323.314
A=S R=S	2.00112	6.00336	30.0028	124.937	1218.02
A=S R=S	2.00112	6.00336	30.0028	124.937	1218.02
vsip_mtrans.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	2.99468	34.9846	199.049	1065.77
A=U R=U	1.00056	2.99468	34.9846	203.974	1065.77
A=S R=S	1.00056	4.9958	47.0193	223.006	1594.18
A=S R=S	1.00056	4.9958	47.0193	222.11	1594.18
vsip_mtrans.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N R=N	1.00056	2.99468	16.009	137.028	893.815
A=U R=U	1.00056	2.99468	16.009	139.043	913.519
A=S R=S	1.00056	4.00224	31.0104	167.926	1003.08
A=S R=S	1.00056	4.00224	31.0104	163	1003.08
vsip_mtransview.bl:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mtransview.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mtransview.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mtransview.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
matrix=N	0	0	0	0	0
matrix=U	0	0	0	0	0
matrix=S	0	0	0	0	0
matrix=S	0	0	0	0	0
vsip_mvprod.f:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N X=N Y=N	0	1.00056	4.00224	16.009	61.976
A=U X=U Y=U	0	1.00056	4.9986	19.9944	79.9777
A=S X=S Y=S	1.00056	4.00224	17.0165	64.9315	281.22
A=S X=S Y=S	1.00056	4.00224	17.0165	64.9315	275.847
vsip_mvprod.i:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N X=N Y=N	1.00056	4.9958	20.9908	81.0524	323.314
A=U X=U Y=U	1.00056	4.9958	20.9908	81.0524	323.314
A=S X=S Y=S	1.00056	6.00336	24.0134	94.0387	392.276
A=S X=S Y=S	1.00056	6.00336	24.0134	94.0387	388.693
vsip_mvprod.si:					
Type/(m*n)	32^2	64^2	128^2	256^2	512^2
A=N X=N Y=N	2.00112	6.99693	34.9846	139.043	554.38

A=U X=U Y=U						2.00112	6.99693	34.9846	139.043	554.38				
A=S X=S Y=S						2.00112	6.99693	34.9846	139.043	554.38				
A=S X=S Y=S						2.00112	6.99693	34.9846	139.043	554.38				
vsip_mxor_bl:														
Type/(m*n)						32^2	64^2	128^2	256^2	512^2				
A=N B=N R=N						2.00112	6.99693	19.9832	51.0496	109.264				
A=U B=U R=U						2.00112	6.99693	23.0059	57.0949	95.8299				
A=S B=S R=S						2.00112	10.0056	25.9726	98.9645	1083.68				
A=S B=S R=S						2.00112	10.0056	28.9953	87.0977	1083.68				
vsip_mxor_i:														
Type/(m*n)						32^2	64^2	128^2	256^2	512^2				
A=N B=N R=N						2.00112	6.99693	16.009	45.8998	197.929				
A=U B=U R=U						2.00112	6.99693	25.021	55.9754	147.775				
A=S B=S R=S						2.00112	10.0056	35.9922	105.905	1137.42				
A=S B=S R=S						2.00112	10.0056	24.0134	111.055	1056.82				
vsip_mxor_si:														
Type/(m*n)						32^2	64^2	128^2	256^2	512^2				
A=N B=N R=N						2.00112	6.99693	30.0028	49.0345	102.995				
A=U B=U R=U						2.00112	6.99693	30.0028	49.9301	103.89				
A=S B=S R=S						2.00112	6.99693	31.0104	55.9754	312.567				
A=S B=S R=S						2.00112	8.00448	31.0104	77.9178	343.913				
vsip_polar_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_pow_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_qrd_create_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	2.00112	2.00112	1.99832	2.00392	1.99944	3.00028	3.00028	3.9944
vsip_qrd_destroy_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	1.00056	2.00112	3.00028	2.00392	1.99944	3.99888	4.00336	3.9944
vsip_qrd_f:														
Type/(m*n)						32^2	64^2	128^2	256^2	512^2				
A=N						39.8825	240.694	2099.08	7254.41	45496.8				
A=U						39.8825	243.493	2082.28	7657.43	55617.2				
A=S						22.9849	104.954	626.924	4186.96	20151.1				
A=S						22.9849	102.015	626.924	3604.82	19972				
vsip_qrd_getattr_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_qrdprodq_f:														
Type/(m*n*p)						32^3	64^3	128^3	256^3	512^3				
A=N C=N						8.00448	38.9589	258.651	1811.27	16828.8				
A=U C=U						6.99693	36.9885	255.069	2040.55	16920.5				
A=S C=S						19.0316	84.0079	662.032	2848.74	22606.5				
A=S C=S						19.0316	82.0375	662.032	2946.19	22744.1				
vsip_qrdsolr_f:														
Type/(m*n*p)						32^3	64^3	128^3	256^3	512^3				
A=N XB=N						12.9863	148.671	452.819	2321.41	16232.7				
A=U XB=U						13.9939	152.253	472.164	2447.51	20909.9				
A=S XB=S						17.0165	80.9628	409.113	2292.75	18433.7				
A=S XB=S						17.0165	79.9777	404.814	2287.02	18479.6				
vsip_qrsol_f:														
Type/(m*n*p)						32^3	64^3	128^3	256^3	512^3				
A=N XB=N						24.965	171.061	773.804	4247.32	32419.5				
A=U XB=U						25.9726	198.825	838.288	4883.56	40994.4				
A=S XB=S						31.0104	154.94	838.288	4900.76	31410.7				
A=S XB=S						31.0104	154.94	816.793	4442.21	31319				
vsip_randcreate:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288

	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_randdestroy:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_randn.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_randu.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_rcadd.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_rcfft2dop.create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	171.993	200.987	281.976	352.995	561.853	1024.35	2148.06	5250.49	17727.4	42586.1	92471.4	193630	187450	168911
vsip_rcfft2dop.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N Y=N				8.99105	27.9877	113.07	501.54	786.342						
X=U Y=U				8.99105	29.9468	110.272	530.647	734.397						
vsip_rcfftmop.create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	28.0096	36.9962	62.9723	82.9136	125.945	219.004	411.419	831.235	1684.86	7064.1	16613.5	33361.3	67976.5	29913.3
vsip_rcfftmop.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
X=N Y=N				5.0028	13.9939	43.9967	182.928	326.001						
X=U Y=U				5.0028	14.9734	48.0269	190.092	344.808						
vsip_rcfftop.create.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	4.00137	4.00137	6.99693	10.0056	15.0084	27.0081	52.0571	109.992	197.033	1119.51	1883.01	3663.03	8221.67	3940.67
vsip_rcfftop.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
x=N y=N	0	0	0.997062	1.00056	3.00168	6.00336	13.0003	31.0663	78.9253	326.896	651.554	703.051	1630	2256.93
x=U y=U	0	0	0.997062	1.00056	3.00168	6.99693	15.953	38.0633	81.7241	358.243	680.661	828.436	1647.92	2830.12
x=S y=S	0	1.00143	0.997062	3.00868	6.01736	12.0347	27.0081	55.1358	142.178	482.508	790.373	1110.55	2803.25	4460.12
x=S y=S	0	1.00143	0.997062	3.00868	5.0028	12.0347	26.0286	55.1358	120.907	582.144	864.26	1020.99	2991.33	4442.21
vsip_rcmadd.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
A=N B=N R=N				0	2.99468	15.0014	36.9438	108.368						
A=U B=U R=U				1.00056	4.00224	18.9757	38.0633	116.429						
A=S B=S R=S				3.98825	18.0521	77.2461	126.057	1603.14						
A=S B=S R=S				3.98825	18.0521	81.1643	124.937	1549.4						
vsip_rcmdiv.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
A=N B=N R=N				1.00056	4.9958	13.9939	51.0496	145.984						
A=U B=U R=U				1.00056	4.9958	18.0241	55.0798	134.341						
A=S B=S R=S				3.98825	19.0316	58.2144	237.336	1898.69						
A=S B=S R=S				3.98825	19.0316	54.0163	253.009	1898.69						
vsip_rcmmul.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
A=N B=N R=N				0	2.99468	16.009	60.0056	256.143						
A=U B=U R=U				1.00056	4.00224	19.9832	77.0222	319.731						
A=S B=S R=S				3.98825	19.0316	77.8058	364.96	3089.84						
A=S B=S R=S				3.98825	19.0316	78.9253	364.96	3071.93						
vsip_rcmsub.f:														
Type/(m*n)				32 ²	64 ²	128 ²	256 ²	512 ²						
A=N B=N R=N				0	2.99468	16.009	45.0042	139.715						
A=U B=U R=U				1.00056	4.00224	18.9757	47.0193	142.401						
A=S B=S R=S				3.98825	18.0521	77.8058	208.005	1916.6						
A=S B=S R=S				3.98825	18.0521	81.1643	203.974	1907.64						

vsip_rcmul.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_rcsub.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_rcvadd.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0	0	0	2.00112	4.00224	6.99693	18.9757	53.9603	94.0387	102.099	274.951	1046.07	
A=U B=U R=U	0	0	0	0	0	2.00112	4.00224	9.01204	21.9983	65.0434	135.908	157.179	333.166	1099.8	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	19.0316	38.9029	77.8058	154.492	416.457	1365.8	2104.68	4083.97	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	19.0316	38.9029	81.1643	195.914	308.984	1294.15	2033.03	3833.2	
vsip_rcvdiv.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	47.0193	35.0406	70.0812	188.077	431.682	909.936	
A=U B=U R=U	0	0	0	1.00056	1.00056	2.00112	4.9958	9.99161	42.9891	52.9527	49.0345	234.201	281.22	823.958	
A=S B=S R=S	0	1.00143	0.997062	1.99412	5.0028	9.02603	20.0112	41.9816	73.8875	90.0084	279.877	1150.85	2149.46	3815.28	
A=S B=S R=S	0	1.00143	0.997062	1.99412	3.98825	12.0347	19.0316	40.0224	62.1327	118.668	270.921	1226.98	1943.47	3869.02	
vsip_rcvmul.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0	0	0	2.00112	4.00224	8.00448	27.9877	35.0406	36.0482	110.16	248.979	825.749	
A=U B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	12.0067	34.9846	51.9452	87.9933	97.1733	251.665	967.255	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	20.0112	43.9407	73.8875	133.221	255.248	1195.63	2167.37	3886.93	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	20.0112	43.1011	54.0163	89.0009	353.765	1056.82	1916.6	3779.46	
vsip_rcvsub.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N R=N	0	0	0	0	0	2.00112	4.00224	6.99693	18.9757	113.07	74.1114	155.836	246.292	737.98	
A=U B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	9.99161	21.9983	54.9678	126.952	179.121	207.781	720.068	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	20.0112	40.862	90.1204	135.46	284.355	1007.56	1925.55	3815.28	
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	10.0056	20.0112	40.862	81.1643	170.165	230.619	1016.51	1898.69	3797.37	
vsip_real.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_rect.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
vsip_rscmadd.f:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N R=N				0	4.00224	9.01204	36.9438	113.742							
A=U R=U				0	2.99468	11.0272	51.0496	114.638							
A=S R=S				3.00168	14.9734	41.9816	160.985	1585.22							
A=S R=S				3.00168	13.9939	45.0042	175.987	1558.36							
vsip_rscmdiv.f:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N R=N				1.00056	4.9958	18.0241	51.0496	221.215							
A=U R=U				1.00056	4.00224	17.0165	47.0193	123.594							
A=S R=S				3.98825	15.953	69.9693	141.954	1585.22							
A=S R=S				3.00168	15.953	72.2083	154.94	1585.22							
vsip_rscmmul.f:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N R=N				1.00056	4.00224	17.0165	60.9012	268.682							
A=U R=U				1.00056	4.9958	20.9908	87.9933	426.309							
A=S R=S				3.00168	14.9734	71.0888	291.072	2606.21							
A=S R=S				3.00168	14.9734	69.9693	300.028	2606.21							
vsip_rscmsub.f:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N R=N				0	4.00224	13.9939	45.8998	118.22							
A=U R=U				0	4.00224	13.9939	49.0345	142.401							
A=S R=S				3.00168	13.9939	68.8497	177.106	1567.31							
A=S R=S				3.00168	13.9939	71.0888	158.075	1576.27							
vsip_rscvadd.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	0	1.00056	4.9958	8.00448	32.0179	32.0179	87.0977	145.088	296.446	703.947	

B=U R=U	0	0	0	0	0	1.00056	4.00224	9.01204	34.9846	35.0406	83.9631	91.7997	392.276	678.87
B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	15.953	36.1041	72.2083	223.902	317.94	944.865	2006.16	3403.3
B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	36.1041	73.8875	142.178	169.941	917.997	1818.08	3331.66
vsip_rscvdiv.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
B=N R=N	0	0	0	1.00056	1.00056	2.00112	4.9958	9.01204	18.0241	79.0373	210.915	154.044	316.149	904.562
B=U R=U	0	0	0	1.00056	1.00056	2.00112	6.00336	8.00448	18.0241	43.9967	72.0963	90.9041	305.402	843.661
B=S R=S	0	1.00143	0.997062	1.99412	3.98825	7.97649	16.9326	36.9438	69.9693	111.951	188.077	806.046	1809.12	2704.73
B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	15.953	36.9438	71.0888	92.0236	255.248	770.222	1298.63	2668.91
vsip_rscvmul.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
B=N R=N	0	0	0	0	0	1.00056	4.00224	6.99693	16.009	208.228	62.0207	111.951	237.336	551.694
B=U R=U	0	0	0	0	0	1.00056	4.9958	8.00448	18.0241	115.309	135.908	207.781	236.44	567.814
B=S R=S	0	0	0.997062	1.99412	3.00168	6.00336	18.0521	36.1041	69.9693	214.946	223.902	676.183	1827.04	3098.8
B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	16.9326	36.1041	76.1265	96.9494	165.015	747.831	1459.84	2937.59
vsip_rscvsub.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
B=N R=N	0	0	0	0	0	1.00056	4.00224	8.00448	17.0165	18.0241	79.9329	115.981	222.11	659.166
B=U R=U	0	0	0	0	0	1.00056	4.9958	8.00448	18.0241	26.9801	132.998	137.028	266.891	714.694
B=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	15.953	34.9846	68.8497	126.504	175.987	949.343	1835.99	3492.87
B=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	16.9326	36.1041	76.1265	91.016	268.682	882.172	1818.08	3582.43
vsip_rvcmmul.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N B=N R=N				1.00056	4.00224	16.009	38.9589	120.907						
A=U B=U R=U				1.00056	4.9958	18.9757	60.9012	168.374						
A=S B=S R=S				3.98825	15.953	73.8875	171.061	1746.43						
A=S B=S R=S				3.98825	15.953	72.768	208.9	1818.08						
vsip_sin.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_sinh.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_smadd.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				0	1.00056	4.00224	12.0011	91.3519						
A=U R=U				0	1.00056	4.00224	23.9575	72.0068						
A=S R=S				2.00112	6.99693	36.9997	94.0387	573.188						
A=S R=S				2.00112	6.99693	36.9997	92.9192	611.699						
vsip_smadd.i:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				1.00056	2.99468	11.9787	45.8998	80.9628						
A=U R=U				1.00056	2.99468	11.9787	45.8998	78.0073						
A=S R=S				1.00056	4.00224	25.021	79.0373	605.43						
A=S R=S				1.00056	4.00224	25.021	87.9933	607.221						
vsip_smdiv.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				1.00056	4.00224	17.0165	42.9891	121.802						
A=U R=U				1.00056	4.00224	17.0165	40.974	126.281						
A=S R=S				2.00112	6.99693	38.0073	87.0977	705.738						
A=S R=S				2.00112	6.99693	36.9997	79.0373	677.974						
vsip_smmul.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				0	1.00056	4.9986	27.0921	109.264						
A=U R=U				0	2.00112	9.01204	42.9891	179.121						
A=S R=S				2.00112	6.00336	32.0179	126.057	1012.04						
A=S R=S				2.00112	6.00336	33.0255	126.952	1029.95						
vsip_smsub.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
A=N R=N				0	1.00056	3.00028	16.9941	77.0222						
A=U R=U				0	1.00056	4.00224	23.9575	61.976						
A=S R=S				2.00112	6.00336	36.9997	87.0977	617.968						
A=S R=S				2.00112	6.99693	36.9997	87.9933	626.924						

vsip_smsub.i:															
Type/(m*n)				32^2	64^2	128^2	256^2	512^2							
A=N R=N				1.00056	2.99468	11.9787	44.1086	116.429							
A=U R=U				1.00056	2.99468	11.9787	47.0193	116.429							
A=S R=S				1.00056	4.00224	25.021	62.9164	314.358							
A=S R=S				1.00056	4.00224	25.021	66.9466	317.94							
vsip_sqrt.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_svadd.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	27.0921	27.9877	99.4123	189.869	
B=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	15.0014	42.9891	113.742	184.495	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	38.0073	75.007	90.0084	180.912	886.65	1524.32	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	78.0297	83.0675	251.218	761.265	1708.82	
vsip_svadd.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	1.00056	2.00112	4.00224	12.0067	18.9757	61.0132	79.9329	145.088	172.852	324.21	
B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	32.0179	68.0661	115.085	170.165	277.638	
B=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.021	45.0042	118.892	136.132	463.029	1142.79	
B=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.021	45.0042	167.031	278.981	352.869	1255.64	
vsip_svadd.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	38.9589	82.8436	234.649	399.44	
B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	47.9149	77.0222	213.154	394.067	
B=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	34.033	57.9905	114.19	282.116	1047.86	
B=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	34.033	55.9754	101.204	266.891	700.364	
vsip_svddiv.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	1.00056	1.00056	2.00112	4.9958	9.01204	17.0165	102.995	47.9149	159.866	268.682	390.484	
B=U R=U	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	18.0241	46.0118	94.0387	120.011	209.572	343.913	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	40.0224	89.0009	102.099	167.031	833.81	1707.03	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	46.0118	132.102	75.9026	218.08	780.073	1714.19	
vsip_svmul.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	137.028	69.8573	122.698	195.242	
B=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	30.8984	39.9888	105.682	193.451	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	8.00448	17.9961	39.0149	75.007	113.07	257.039	1003.08	1667.62	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	8.00448	19.0036	43.9967	81.0524	139.939	205.094	796.194	1751.81	
vsip_svmul.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	61.0132	44.1086	98.9645	237.336	460.342	
B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	34.033	47.9149	78.8134	237.336	453.177	
B=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	25.021	48.0269	253.009	163	803.359	1651.5	
B=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	12.0067	25.9726	47.0193	79.0373	177.778	772.013	1744.64	
vsip_svmul.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	30.0028	92.0236	258.83	240.918	392.276	
B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	47.0193	74.7831	203.303	478.254	
B=S R=S	0	0	0	0	1.00056	2.00112	4.00224	6.99693	16.009	34.033	57.9905	77.0222	266.891	1047.86	
B=S R=S	0	0	0	0	1.00056	2.00112	4.00224	6.99693	16.009	34.033	57.0949	104.786	308.089	863.365	
vsip_svsuf.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.9986	9.00084	25.9726	41.0188	102.995	195.242	
B=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.9986	9.99721	29.1072	44.0191	105.682	195.242	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	8.99805	17.9961	39.0149	75.007	139.939	261.069	627.82	1341.62	
B=S R=S	0	0	0	1.00056	2.00112	3.00168	8.00448	16.9885	40.0224	77.0222	88.8889	211.811	481.836	1273.55	
vsip_svsuf.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
B=N R=N	0	0	0	0	1.00056	2.00112	4.00224	8.00448	18.9757	60.0056	45.0042	44.7803	180.912	340.33	
B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	8.00448	15.0014	34.033	53.0647	60.9012	200.616	377.946	
B=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.9726	45.0042	81.0524	187.182	737.98	1658.66	
B=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.9726	49.0345	72.9919	184.943	677.078	1389.98	
vsip_svsuf.si:															

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
B=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	45.8998	138.819	233.753	444.221
B=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	42.9891	51.9452	69.8573	219.424	474.671
B=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	16.009	34.033	57.9905	98.0689	239.127	807.837
B=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	34.033	45.8998	97.1733	306.297	546.32
vsip.tan.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip.tanh.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip.toepsol.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
T=N B=N W=N X=N	21.9966	68.0014	242.968	929.017	3598.17	14587.2	58295.6	234352	939497	3770850	13299100	42405400	139584000385658000	
T=U B=U W=U X=U	20.9908	68.0014	251.977	954.031	3711.87	14494.8	57832.4	232651	929606	3736360	13261600	46591900	150308000382441000	
T=S B=S W=S X=S	23.0024	71.9809	255.038	970.998	3874.9	15813.1	64055.5	264137	1081510	4341310	15667500	54584700	2716300001223490000	
T=S B=W S=X S=S	21.9966	72.9867	263.959	968.025	3866.15	15617.1	63220	260633	1068590	4288870	15296100	51426900	2451090001042380000	
vsip.vacos.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	0.997062	1.99412	5.0028	9.02603	22.9499	85.0826	90.1204	197.033	205.094	492.584	876.799	1773.3
A=U R=U	0	1.00143	0.997062	1.99412	5.0028	10.0056	13.0003	34.9846	77.2461	65.0434	122.922	222.11	815.002	1445.51
A=S R=S	0	1.00143	2.00287	3.00868	8.99105	12.0347	22.9499	48.9785	53.0087	82.9555	203.079	292.863	1092.64	2006.16
A=S R=S	0	1.00143	2.00287	3.00868	10.0056	13.0143	29.9468	29.9468	55.9754	87.9933	150.91	287.937	846.348	1970.33
vsip.vadd.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	13.9939	147.999	81.0524	140.61	318.836
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	6.99693	17.0165	38.9589	55.0798	152.253	322.418
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.0134	46.0118	93.0311	261.965	398.993	1065.77	1952.42
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	47.0193	93.0311	158.075	465.715	837.392	1916.6
vsip.vadd.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	23.0059	33.9771	57.9905	47.0193	188.973	289.281	596.474
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.00336	24.0134	31.0104	40.974	60.0056	194.794	247.187	469.298
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	19.0316	20.9908	36.9997	63.0283	111.951	312.119	1074.73	2292.75
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	8.00448	12.9863	156.731	46.0118	250.77	360.034	1012.04	2149.46
vsip.vadd.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	47.0193	68.9617	87.9933	167.926	312.567	603.639
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	123.146	46.0118	199.944	145.984	358.243	521.243
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	10.9852	6.99693	15.0014	13.9939	85.9782	111.055	224.797	559.754	1268.18
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	86.2021	41.9816	88.8889	149.118	314.358	1117.72
vsip.valldestroy.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vektor=U	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vsip.valldestroy.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=U	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vsip.valldestroy.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=U	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vsip.valldestroy.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	2.99133
vektor=U	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	2.99133

vektor=S	0	0	0	0	0	0	0	0	0	0	1.99944	2.00168	3.00028	6.00056
vsip_valldestroy_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	1.9972	2.00616
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	1.9972	2.00616
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	1.9972	2.00616
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	1.9972	2.00616
vsip_valldestroy_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=U	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.00616
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vektor=S	0	0	0	0	0	0	0	0	0	0	0	2.00168	1.9972	2.99133
vsip_valltrue_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	0	0	0	0	0	0	17.0165	16.9986
A=U	0	0	0	0	0	0	0	0	0	0	0	0	17.0165	9.99497
A=S	0	0	0	0	0	0	0	0	0	0	0	0	24.0023	16.9986
A=S	0	0	0	0	0	0	0	0	0	0	0	0	22.0319	22.0319
vsip_vam_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N C=N R=N	0	0	0	0	0	1.00056	2.00112	4.00224	9.01204	25.9726	40.974	59.11	164.792	564.232
A=U B=U C=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	11.0272	34.033	27.9877	85.9782	231.962	574.979
A=S B=S C=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	14.9734	29.9468	58.2144	95.0462	150.014	797.09	1656.87	3152.53
A=S B=S C=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	14.9734	31.0663	58.7742	186.958	223.006	703.051	1486.71	3045.06
vsip_vand_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	28.9953	50.042	74.1114	118.22	291.072	431.682
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	18.9757	42.9891	77.9178	133.893	188.077	209.572
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	40.0224	67.9541	130.087	335.852	1191.16	2239.02
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	40.0224	33.9771	67.9541	135.908	321.075	1137.42	2256.93
vsip_vand_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	28.9953	87.9933	295.55	129.863	328.688	732.606
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	33.9771	47.0193	75.9026	176.882	279.429	546.32
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.0056	24.993	39.0149	106.017	122.922	415.114	1361.32	2489.79
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.0056	24.993	68.8497	94.0387	128.967	398.993	1226.98	2077.81
vsip_vand_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	25.9726	39.9664	75.9026	163	310.775	711.111
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	23.9575	59.11	201.959	285.698	526.617
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	31.0104	80.0448	68.0661	141.954	475.567	1547.61
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	21.9983	32.0179	37.0557	60.0056	142.849	487.21	1388.19
vsip_vanytrue_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	0	0	0	0	0	0	10.0308	9.99497
A=U	0	0	0	0	0	0	0	0	0	0	0	0	10.0308	9.99497
A=S	0	0	0	0	0	0	0	0	0	0	0	0	10.0308	9.99497
A=S	0	0	0	0	0	0	0	0	0	0	0	0	10.0308	9.99497
vsip_varg_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	2.00287	3.00868	6.01736	12.0347	24.0694	68.0101	96.8374	205.989	385.111	801.568	1567.31	3206.27
A=U R=U	0	1.00143	2.00287	3.00868	6.01736	12.0347	25.049	48.1388	96.2777	191.436	389.589	788.134	1603.14	3134.62
A=S R=S	0.999248	1.00143	2.00287	4.00574	8.01148	16.023	43.9407	69.1296	132.102	266.443	548.559	1128.46	2301.71	4979.57
A=S R=S	0.999248	1.00143	2.00287	4.00574	10.0056	16.023	33.0255	66.051	138.259	265.323	537.364	1123.99	2543.52	4728.8
vsip_vasin_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.99412	3.98825	6.99693	20.9908	33.8651	55.9754	91.016	180.017	419.144	873.216	1085.47
A=U R=U	0	1.00143	0.997062	1.99412	3.98825	7.97649	10.9992	31.906	58.2144	97.957	178.002	228.827	333.166	508.704
A=S R=S	0	1.00143	0.997062	3.00868	6.99693	10.0056	33.0255	62.1327	47.0193	77.0222	208.005	234.201	547.216	1499.25
A=S R=S	0	1.00143	0.997062	3.00868	6.99693	10.0056	81.0244	24.0134	43.9967	70.9768	128.072	239.127	578.562	1432.97
vsip_vatan2_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	1.00143	2.00287	3.00868	6.01736	12.0347	15.953	40.0224	92.9192	146.656	261.965	591.1	1083.68	1470.59

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A=U B=U R=U	0	1.00143	2.00287	3.00868	6.01736	12.0347	15.953	47.0193	134.901	147.775	150.91	394.067	758.579	1237.73
A=S B=S R=S	0.999248	1.00143	2.00287	4.00574	8.99105	17.0025	34.0051	40.0224	118.108	109.04	193.899	483.627	1424.01	2704.73
A=S B=S R=S	0.999248	1.00143	2.00287	5.0028	8.99105	17.0025	21.9703	43.1011	67.7302	291.072	239.575	497.062	1441.93	2722.64
vsip_vatan.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.00056	3.00168	5.0028	13.9939	31.906	45.0042	91.016	141.954	262.86	662.749	1060.4
A=U R=U	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	16.009	31.0104	132.102	178.897	258.83	574.979	863.365
A=S R=S	0	1.00143	0.997062	1.99412	3.98825	7.97649	15.953	20.0112	35.9922	100.98	208.005	378.842	877.694	1844.95
A=S R=S	0	1.00143	0.997062	1.99412	3.98825	7.97649	15.953	20.0112	40.974	105.01	203.079	380.185	800.672	1898.69
vsip_vbind_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vbind_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vbind_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vbind_mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vbind_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vbind_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vceil_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	1.00056	2.00112	2.99468	8.00448	15.0014	30.8984	64.0359	128.072	254.352
A=U R=U	0	0	0	0	1.00056	1.00056	2.99468	2.99468	11.9787	12.9863	29.1072	55.9754	114.638	254.352
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	36.9997	75.007	167.926	342.122	1146.38	2346.49
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	78.0297	156.059	330.031	1137.42	2167.37
vsip_vclip_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	16.009	35.0406	100.084	159.866	242.709	557.067
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	12.9863	30.0028	30.8984	81.0524	183.599	345.704
A=S R=S	0	0	0	1.00056	2.00112	4.00224	8.00448	17.9961	39.0149	55.9754	139.043	204.198	949.343	1701.65
A=S R=S	0	0	0	1.00056	2.00112	4.00224	8.00448	19.0036	39.0149	83.9631	141.058	201.959	812.315	1760.76
vsip_vclip_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.00056	5.0028	13.0143	19.0316	48.1388	143.857	70.9768	124.937	258.83	693.199	1175.04
A=U R=U	0	0	0.997062	3.00868	5.0028	7.97649	18.0521	16.9885	38.0073	179.121	130.982	322.866	958.299	1051.44
A=S R=S	0	0	0.997062	1.99412	6.01736	13.9939	10.9992	20.9908	42.9891	266.443	279.877	470.193	976.211	1604.93
A=S R=S	0	0	0.997062	3.00868	6.99693	13.9939	8.00448	23.0059	137.14	83.9631	253.009	224.797	780.969	1723.15
vsip_vclip_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.00056	3.00168	9.02603	19.0316	34.9846	72.2083	89.0009	178.002	398.097	904.562	1640.75
A=U R=U	0	0	0.997062	1.99412	3.98825	6.00336	18.0521	27.9877	75.007	62.0207	163.896	442.877	1200.11	2149.46
A=S R=S	0	0	0.997062	1.99412	3.98825	10.0056	13.9939	33.8651	36.9997	132.102	295.55	582.144	1271.76	1545.82
A=S R=S	0	0	0.997062	1.99412	5.0028	10.0056	10.9992	38.9029	72.2083	150.014	212.93	537.364	1271.76	1760.76
vsip_vcloneview_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vcloneview_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0

vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vcloneview_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vcloneview_mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vcloneview_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vcloneview_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vcmagsq_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	1.00056	2.00112	2.99468	5.98937	135.46	36.0482	73.8875	217.632	302.715
A=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	6.99693	17.0165	85.0826	138.819	180.912	333.166
A=S R=S	0	0	0.997062	1.99412	3.00168	5.0028	10.9992	113.07	45.0042	94.0387	306.745	671.705	1146.38	2453.96
A=S R=S	0	0	0	1.00056	2.00112	5.0028	10.9992	26.0006	110.272	95.0462	235.097	573.188	1370.28	2328.58
vsip_vcmxmsq_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	1.00056	2.00112	5.0098	11.0272	38.9589	53.9603	108.816	233.753	823.958
A=U B=U R=U	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	65.0434	94.9343	55.0798	220.319	797.09
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	16.9326	33.8651	67.1705	104.002	218.08	877.694	1898.69	3671.99
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	16.9326	33.0255	91.2399	82.9555	197.929	864.26	1943.47	3439.13
vsip_vcmxmsqval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	2.00112	3.00168	6.99693	12.0067	33.0255	28.9953	137.923	283.907	425.413	553.485
A=U	0	0	0	1.00056	2.00112	3.00168	6.99693	12.9863	16.009	38.9589	72.0963	201.064	276.742	449.594
A=S	0	0	0	1.00056	2.00112	3.00168	6.99693	15.0014	26.9801	34.033	75.9026	167.031	603.639	1019.2
A=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	43.9967	148.895	75.9026	174.195	539.155	1110.55
vsip_vcmnmsq_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	1.00056	2.00112	5.0098	11.0272	37.9513	38.0633	124.937	230.171	918.892
A=U B=U R=U	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	32.0179	124.041	67.1705	266.891	831.123
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	15.953	33.0255	67.1705	135.46	311.223	1047.86	1979.29	3779.46
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	7.97649	15.953	33.0255	81.1643	135.46	284.355	962.777	1728.52	3439.13
vsip_vcmnmsqval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	2.00112	3.00168	6.00336	12.0067	41.9816	236.216	96.9494	176.882	379.737	721.859
A=U	0	0	0	1.00056	2.00112	3.00168	6.00336	12.9863	33.0255	45.0042	74.1114	124.041	432.578	625.133
A=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	34.9846	126.504	173.972	219.871	691.408	1121.3
A=S	0	0	0	1.00056	2.00112	3.00168	6.99693	15.0014	38.0073	40.974	68.0661	120.011	517.661	1223.4
vsip_vcmplx_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	1.00056	2.99468	6.99693	15.0014	34.033	62.9164	98.0689	239.127	732.606
A=U B=U R=U	0	0	0	0	0	1.00056	2.99468	6.99693	16.009	51.9452	74.1114	157.179	285.698	576.771
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	38.0633	71.0888	189.197	255.248	1020.99	2033.03	3206.27
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	16.9326	36.1041	77.8058	79.0373	216.065	882.172	1719.56	2668.91
vsip_vcopy_bl_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	40.0784	110.16	228.38	446.012

A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	37.0557	45.8998	97.1733	228.38	533.781
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	24.0134	53.9603	64.9315	176.882	904.562	1649.71
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	25.021	50.042	66.9466	192.108	677.078	1635.38
vsip_vcopy_bl.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	15.0014	25.9726	45.8998	91.7997	240.023	456.759
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	8.00448	15.0014	31.0104	51.9452	99.8601	231.066	338.539
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	25.9726	54.9678	94.9343	201.959	904.562	1626.42
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	10.9992	25.9726	57.9905	96.0538	193.003	691.408	1635.38
vsip_vcopy_f.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	8.00448	15.0014	31.0104	47.9149	86.8738	181.808	277.638
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	45.0042	131.206	153.149	377.946
A=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.9726	51.0496	74.1114	183.152	386.006	1171.45
A=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.9726	51.0496	83.9631	177.778	386.902	1241.31
vsip_vcopy_f.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	6.99693	19.0092	44.0191	95.8299	188.077
A=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.00084	15.0014	44.0191	104.786	245.396
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	76.0146	94.9343	269.13	861.573	1827.04
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	40.974	81.0524	88.8889	176.882	772.908	1581.64
vsip_vcopy_f.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	17.9961	15.0014	30.0028	34.9287	108.816	256.143	334.957
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	31.0104	53.9603	221.215	139.715	286.594
A=S R=S	0	0	0	0	1.00056	2.00112	4.9958	12.0067	25.021	51.0496	154.044	194.794	705.738	1590.6
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	25.9726	49.0345	70.0812	167.031	652.001	1581.64
vsip_vcopy_f.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	20.0112	20.9908	24.0694	36.1041	33.9771	49.0345	92.0236	237.784	239.127	397.649
A=U R=U	0	0	0	0	15.988	16.023	15.953	17.9961	28.9953	93.0311	79.0373	123.146	214.946	401.232
A=S R=S	0	0	0	1.00056	18.0171	16.023	15.953	29.9468	43.9967	57.9905	107.921	149.118	415.561	1234.15
A=S R=S	0	0	0	1.00056	8.99105	14.9734	22.9499	15.0014	18.9757	69.9693	154.94	163	374.363	1067.56
vsip_vcopy_i.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	25.9726	47.9149	106.129	238.231	558.858
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	40.974	60.9012	106.129	216.737	395.858
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	25.021	86.9858	173.076	158.075	949.343	1678.37
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	13.9939	25.9726	83.9631	192.108	180.912	414.666	1273.55
vsip_vcopy_i.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	34.033	98.9645	240.023	451.386
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	47.9149	99.8601	237.336	453.177
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	24.0134	49.0345	79.9329	266.891	871.425	1635.38
A=S R=S	0	0	0	0	1.00056	2.00112	4.9958	10.9992	25.9726	49.0345	79.9329	180.017	687.826	1587.01
vsip_vcopy_i.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	8.00448	15.0014	30.0028	62.9164	125.833	257.935	503.331
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	59.11	134.789	256.143	490.792
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	8.00448	18.9757	37.9513	77.0222	166.135	534.677	1547.61
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	8.00448	32.0179	41.9816	75.9026	162.105	560.65	1545.82
vsip_vcopy_i.vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	1.00056	4.00224	6.99693	15.0014	33.0255	59.11	121.802	411.979	505.122
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	8.00448	18.0241	30.0028	59.11	296.894	375.259	404.814
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	25.021	50.042	98.0689	218.976	949.343	1952.42
A=S R=S	0	0	0	0	1.00056	2.00112	4.9958	10.9992	24.0134	49.0345	102.099	299.133	958.299	1696.28
vsip_vcopy_mi.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	2.00112	4.00224	8.00448	15.0014	30.0028	81.0524	120.011	140.162	509.6	1271.76
A=U R=U	0	0	0	1.00056	2.00112	4.00224	8.00448	15.0014	30.0028	61.0132	147.999	197.929	455.864	1171.45
A=S R=S	0	0	0	1.99412	3.98825	7.97649	19.0316	48.1388	105.794	204.87	407.501	1468.79	3313.74	6591.66
A=S R=S	0	0	0	1.99412	3.98825	7.97649	20.0112	48.9785	96.2777	198.153	425.413	1441.93	3268.96	5158.69
vsip_vcopy_si.f:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	32.0179	40.0784	64.0359	241.814	440.638
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	34.033	47.9149	76.1265	211.363	564.232
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	30.0028	41.9816	74.1114	138.819	528.408	1438.34
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	9.01204	23.0059	40.974	75.9026	140.162	471.089	1209.07
vsip_vcopy_si.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	59.11	118.22	237.336	474.671
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	59.11	118.22	237.336	494.375
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	8.00448	21.9983	41.9816	83.9631	197.929	615.282	1665.83
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	8.00448	19.9832	40.974	88.8889	184.047	566.919	1644.33
vsip_vcopy_si.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	24.0134	53.9603	109.04	98.9645	171.061	291.968
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	27.9877	32.0179	92.9192	108.816	185.391	209.572
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	11.9787	28.9953	38.9589	77.9178	142.401	489.001
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	6.99693	11.0272	76.0146	94.0387	91.7997	185.391	406.605
vsip_vcopy_vi.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	8.00448	39.0149	117.548	57.9905	98.9645	215.841	404.814
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	8.00448	97.957	33.0255	117.996	99.8601	171.061	270.473
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	10.9992	16.009	37.9513	137.923	221.215	772.013	1574.48
A=S R=S	0	0	0	0	1.00056	3.00168	4.9958	10.9992	17.0165	39.9664	75.007	213.154	592.891	1556.56
vsip_vcopy_vi.vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	59.11	77.0222	243.605	440.638
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	60.0056	77.0222	248.979	403.023
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	25.021	51.0496	109.936	177.778	786.342	1689.11
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	25.021	50.042	102.099	145.088	771.117	1708.82
vsip_vcos.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	0.997062	1.99412	3.98825	9.02603	16.9326	27.0081	48.9785	126.504	203.974	217.185	837.392	1180.41
A=U R=U	0	1.00143	0.997062	1.99412	3.98825	7.97649	15.953	27.0081	45.0042	54.9678	96.9494	188.077	538.259	612.595
A=S R=S	0	1.00143	0.997062	3.00868	6.01736	10.9852	21.9703	33.8651	72.2083	132.102	135.908	258.83	516.765	1375.65
A=S R=S	0	1.00143	0.997062	3.00868	6.01736	10.9852	22.9499	104.114	49.986	66.9466	147.103	274.951	483.627	1418.64
vsip_vcosh.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	0.997062	3.00868	6.01736	10.9852	22.9499	45.0602	91.2399	182.48	394.067	770.222	1441.93	2937.59
A=U R=U	0	1.00143	0.997062	3.00868	6.01736	10.9852	21.9703	48.9785	89.0009	175.763	340.33	685.139	1441.93	2794.29
A=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.0081	54.0163	110.272	219.424	436.608	904.562	1934.51	3994.4
A=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.0081	54.0163	114.75	263.084	458.998	886.65	1925.55	3994.4
vsip_vcreate_blackman.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
Atmp=N	0.999248	1.00143	2.00287	3.00868	6.01736	10.9852	20.9908	41.9816	73.8875	238.455	465.715	680.661	1280.72	3080.89
Atmp=U	0.999248	1.00143	2.00287	3.00868	6.01736	10.9852	21.9703	43.1011	130.982	141.058	445.564	680.661	1280.72	2274.84
Atmp=S	0.999248	1.00143	2.00287	4.00574	6.01736	12.0347	22.9499	43.9407	82.8436	139.939	208.005	456.759	1003.08	1764.34
Atmp=S	0.999248	1.00143	2.00287	4.00574	6.01736	12.0347	22.9499	43.9407	171.844	141.058	201.064	407.053	1020.99	1683.74
vsip_vcreate_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0.999497
vsip_vcreate_cheby.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
Atmp=N	10.9983	18.9792	32.973	58.9491	114.05	223.902	457.599	1102.72	2462.92	5328.86	10523.4	21494.6	27136.9	54452.9
Atmp=U	10.9983	18.9792	32.973	58.9491	113	223.202	443.605	906.802	2966.7	5452	10545.8	20867.6	26151.7	52661.7
Atmp=S	10.9983	18.9792	32.973	58.9491	113	223.902	449.203	999.161	2916.32	5687.1	10568.2	21002	25703.9	52124.3
Atmp=S	10.9983	18.0171	32.973	58.9491	113	223.902	464.596	901.204	2905.12	5552.76	10299.5	20733.3	25524.8	52303.4
vsip_vcreate_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0.999497
vsip_vcreate_hanning.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
Atmp=N	0.999248	1.00143	0.997062	1.99412	3.00168	6.00336	12.0067	24.0134	89.0009	125.385	239.575	373.02	668.122	1309.38
Atmp=U	0	1.00143	0.997062	1.99412	3.00168	6.00336	13.0003	24.0134	41.9816	70.9768	167.031	294.207	541.842	1250.27
Atmp=S	0.999248	1.00143	0.997062	1.99412	3.00168	6.00336	13.0003	24.993	42.9891	76.0146	141.058	295.102	551.694	1180.41

Atmp=S	0.999248	1.00143	0.997062	1.99412	3.00168	6.00336	13.0003	24.993	134.901	79.0373	115.085	361.825	650.21	1182.2
vsip_vcreate.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0.999497
vsip_vcreate_kaiser.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
Atmp=N	2.99556	10.0143	9.00854	19.0666	37.0837	70.6689	232.298	663.309	565.352	2809.97	4634.76	4746.71	9403.87	18807.7
Atmp=U	2.00068	10.0143	22.0403	18.0171	36.0342	70.6689	141.338	282.676	565.352	1164.29	4791.49	9448.65	21046.8	45317.7
Atmp=S	2.00068	4.98531	9.00854	36.0342	36.0342	70.6689	141.338	584.943	1007.56	1164.29	5552.76	4791.49	18270.4	39764.9
Atmp=S	4.00137	8.00273	11.0202	32.0109	55.9754	70.6689	141.338	607.333	565.352	2709.21	4186.96	11508.5	22927.5	45855
vsip_vcreate_mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0
vsip_vcreate_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0.999721	0	0	0	0.999497
vsip_vcreate_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0
vsip_vcsummgval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	1.00056	3.00168	6.00336	10.9992	21.9983	42.9891	92.0236	193.003	374.363	732.606
A=U	0	0	0	1.00056	1.00056	3.00168	4.9958	9.99161	19.9832	40.974	79.0373	155.836	312.567	644.837
A=S	0	0	0.997062	1.00056	2.00112	5.0028	8.99805	19.0036	36.9997	73.9995	156.059	326.896	1074.73	2382.31
A=S	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	19.0036	36.9997	93.0311	150.014	304.954	1083.68	2400.23
vsip_vcsum.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	33.0255	68.0661	131.206	257.039	521.243
A=U B=U	0	0	0	1.00056	1.00056	2.00112	4.9958	8.00448	19.9832	34.033	66.051	131.206	281.22	528.408
A=S B=S	0	0	0	1.00056	2.00112	4.00224	8.00448	17.9961	38.0073	81.0524	152.925	352.869	985.167	2471.87
A=S B=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	17.9961	39.0149	75.007	158.97	334.957	1226.98	2651
vsip_vcsum_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	1.00056	1.00056	2.00112	4.00224	9.99161	15.0014	31.0104	64.0359	121.802	269.578	510.496
A=U B=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	59.11	119.116	238.231	499.748
A=S B=S	0	0	0	0	1.00056	2.00112	4.00224	13.9939	25.021	50.042	102.099	243.157	958.299	2131.54
A=S B=S	0	0	0	0	1.00056	2.00112	4.00224	12.0067	25.021	50.042	100.98	237.784	958.299	2006.16
vsip_vdestroy_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vdestroy_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vdestroy_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vdestroy_mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vdestroy_si:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vdestroy_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vdiv_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	12.0067	18.0241	34.033	64.9315	110.16	273.16	465.715
A=U B=U R=U	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	17.0165	38.9589	72.0963	171.061	276.742	311.671
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.993	47.0193	60.0056	135.908	465.715	1226.98	2310.66
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.993	48.9785	84.9707	261.965	408.844	1226.98	2185.28
vsip_vdot_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	23.9575	107.025	113.742	213.154
A=U B=U	0	0	0	0	0	1.00056	1.00056	2.99468	4.9986	11.9787	36.0482	63.1403	127.176	270.473
A=S B=S	0	0	0	1.00056	2.00112	3.00168	6.99693	13.9939	28.9953	56.983	90.0084	217.185	823.958	1535.07
A=S B=S	0	0	0	1.00056	2.00112	3.00168	6.99693	15.0014	27.9877	55.9754	230.619	241.814	644.837	1499.25
vsip_veuler_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	2.00287	3.00868	6.01736	10.9852	21.9703	40.862	72.2083	214.946	244.053	497.062	816.793	838.288
A=U R=U	0	1.00143	0.997062	3.00868	5.0028	10.9852	14.9734	52.8968	72.768	191.436	128.967	261.069	577.666	1192.95
A=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	16.9326	31.0663	165.127	185.838	165.911	506.018	1486.71	2615.17
A=S R=S	0	1.00143	2.00287	4.00574	6.99693	13.9939	18.0521	38.0633	67.7302	104.002	167.031	506.018	1298.63	2597.26
vsip_vexp10_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0.999248	1.00143	2.99993	5.0028	10.9852	30.9964	25.049	113.91	123.146	293.311	517.213	694.095	1549.4	1470.59
A=U R=U	0.999248	1.00143	2.99993	5.0028	10.9852	27.0081	36.9438	33.8651	122.026	130.982	335.852	644.837	772.013	1490.29
A=S R=S	0.999248	1.9985	2.99993	5.99986	11.9997	23.9995	34.9846	43.9407	91.2399	152.253	382.872	810.524	913.519	1898.69
A=S R=S	0.999248	1.9985	2.99993	5.99986	11.9997	27.0081	35.9642	36.9438	71.0888	154.492	322.418	377.946	931.431	1898.69
vsip_vexp_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	29.1072	34.9846	61.0132	109.936	224.797	658.271	1250.27
A=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	17.9961	26.9801	43.9967	79.9329	189.869	394.962	736.188
A=S R=S	0	1.00143	0.997062	1.99412	3.98825	7.97649	16.9326	33.0255	40.0224	138.819	171.956	202.855	562.441	1517.16
A=S R=S	0	1.00143	0.997062	1.99412	3.98825	7.97649	20.0112	20.9908	40.0224	61.0132	111.951	247.187	559.754	1456.26
vsip_vexpoavg_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
B=N C=N	0	0	0	0	0	1.00056	1.00056	2.99468	5.98937	11.9787	27.9877	54.1842	120.011	222.11
B=U C=U	0	0	0	0	0	1.00056	1.00056	2.99468	6.99693	12.9863	32.0179	55.0798	112.846	231.066
B=S C=S	0	0	0	1.00056	2.00112	4.00224	8.00448	16.9885	33.9771	69.9693	148.895	318.836	994.123	2149.46
B=S C=S	0	0	0	1.00056	2.00112	4.00224	8.00448	23.0059	35.9922	67.9541	141.954	299.133	1083.68	2507.7
vsip_vfill_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0	0	0	0	1.00056	0.999161	3.00028	5.0042	10.0084	21.9871	74.9623	133.087
R=U	0	0	0	0	0	0	1.00056	0.999161	1.99832	3.99664	9.00084	38.0185	84.0079	125.027
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	13.9939	34.033	64.9315	115.981	308.984	886.65
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.98937	13.9939	40.974	70.9768	179.121	309.88	798.881
vsip_vfill_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	26.9801	38.0633	78.8134	178.226	272.264
R=U	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	31.0104	36.9438	72.0963	147.775	270.473
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	12.9863	32.0179	59.11	112.846	300.028	797.09
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	13.9939	26.9801	59.11	137.028	258.83	811.419
vsip_vfill_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	33.0255	40.974	76.1265	177.33	195.242
R=U	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	12.9863	23.0619	63.1403	78.0073	133.983
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	25.9726	36.9438	69.8573	214.946	265.1
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	19.0316	30.8984	158.97	119.116	216.737

vsip_vfloor.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	1.00056	2.00112	2.99468	5.98937	12.9863	29.1072	68.9617	129.863	256.143
A=U R=U	0	0	0	0	1.00056	1.00056	2.99468	2.99468	11.0272	12.9863	36.9438	55.9754	111.055	234.649
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	36.9997	75.007	167.926	339.883	1173.24	2597.26
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	38.0073	75.007	180.912	326.001	1137.42	2597.26
vsip_vgather.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
X=N I=N Y=N	0	0	0	1.00056	2.00112	3.00168	6.99693	13.9939	33.0255	73.9995	244.053	346.152	846.348	1791.21
X=U I=U Y=U	0	0	0	1.00056	2.00112	3.00168	6.00336	13.9939	32.0179	69.9693	152.029	428.1	818.584	1710.61
X=S I=S Y=S	0	0	0	1.00056	2.00112	6.99693	10.9992	24.993	52.0011	110.048	226.141	904.562	2919.68	6717.05
X=S I=S Y=S	0	0	0	1.00056	2.00112	5.0028	10.9992	24.0134	52.0011	228.38	235.097	913.519	2883.85	6752.87
vsip_vgather.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
X=N I=N Y=N	0	0	0	1.00056	2.00112	3.00168	6.00336	13.9939	31.0104	67.9541	152.029	374.811	740.667	1671.2
X=U I=U Y=U	0	0	0	1.00056	2.00112	3.00168	6.00336	13.9939	31.0104	66.9466	152.029	350.182	737.084	1613.88
X=S I=S Y=S	0	0	0	1.00056	2.00112	4.00224	10.0056	24.0134	52.0011	111.951	232.858	761.265	2695.78	6287.16
X=S I=S Y=S	0	0	0	1.00056	2.00112	4.00224	10.0056	24.0134	54.0163	125.385	253.009	815.002	2686.82	6143.86
vsip_vgather.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
X=N I=N Y=N	0	0	0	1.00056	2.00112	3.00168	6.00336	12.9863	26.9801	62.0207	132.998	299.133	689.617	1513.57
X=U I=U Y=U	0	0	0	1.00056	2.00112	3.00168	6.00336	12.9863	27.9877	62.0207	133.893	333.166	706.633	1522.53
X=S I=S Y=S	0	0	0	1.00056	2.00112	4.00224	8.99805	20.0112	42.9891	94.0387	199.944	456.759	1576.27	4764.63
X=S I=S Y=S	0	0	0	1.00056	2.00112	4.00224	8.00448	19.0036	42.9891	94.0387	199.944	461.237	1567.31	4782.54
vsip_vgetattrib.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetattrib.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetattrib.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetattrib.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetattrib.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetattrib.vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetblock.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0

vsip_vget_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetstride_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetstride_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetstride_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetstride_mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetstride_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vgetstride_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vget_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vhisto_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	0.997062	1.99412	30.0168	30.0168	54.9958	160.09	186.958	208.228	541.842	801.568	985.167	2418.14
A=U R=U	0	0	0.997062	1.99412	15.988	30.9964	34.9846	50.9376	128.743	179.121	156.955	300.028	1477.75	1644.33
A=S R=S	0	0	0.997062	3.00868	10.0056	20.9908	28.9673	45.0602	77.8058	86.9858	184.943	940.387	374.363	2633.08
A=S R=S	0	0	0.997062	3.00868	15.988	111.951	42.9611	43.1011	91.7997	297.789	382.872	747.831	1334.45	888.442
vsip_vhypot_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	1.00056	2.00112	3.00168	8.99805	12.0067	24.0134	38.9589	85.9782	111.951	334.957	777.386
A=U B=U R=U	0	0	0	1.00056	1.00056	2.00112	4.9958	9.99161	26.9801	35.0406	64.0359	124.041	214.946	431.682
A=S B=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	27.9877	57.0949	86.9858	257.487	437.056	1415.06	2256.93
A=S B=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	13.9939	29.1072	52.0011	89.0009	163	434.817	1137.42	2185.28
vsip_vimag_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	16.9941	44.7803	100.308	283.012
A=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	30.0028	41.0188	100.308	164.075
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	38.0073	90.0084	139.043	240.023	904.562	1662.25

A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	38.0073	76.0146	139.939	239.127	567.814	1416.85
vsip_vimagview.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
complex_vector=N	0	0	0	0	0	0	0	0	0	0	1.00084	0	0	0
complex_vector=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vimagview.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
complex_vector=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0.999161	0	0	0	0	0	0
vsip_vimagview.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
complex_vector=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vindexbool:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
X=N Y=N	0	1.00143	0.997062	1.99412	5.0028	10.0056	19.0316	36.9438	75.007	154.492	291.072	600.056	1173.24	2382.31
X=U Y=U	0	0	0.997062	1.99412	5.0028	9.02603	18.0521	47.0193	72.2083	160.09	288.833	600.056	1182.2	2382.31
X=S Y=S	0	0	0.997062	1.99412	3.98825	9.02603	18.0521	40.862	75.007	148.895	317.94	595.578	1271.76	2633.08
X=S Y=S	0	1.00143	0.997062	1.99412	5.0028	9.02603	18.0521	38.9029	75.007	148.895	315.701	600.056	1271.76	2615.17
vsip_vinclip.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	2.00112	3.00168	6.00336	12.9863	100.756	95.0462	83.9631	224.797	386.006	723.65
A=U R=U	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	20.9908	48.0269	83.0675	133.893	337.644	682.452
A=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	20.9908	24.0134	67.9541	226.141	249.874	922.475	1699.86
A=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	20.0112	25.021	118.668	162.105	243.157	805.15	1730.31
vsip_vinclip.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.99412	5.0028	10.0056	21.9703	21.9983	58.2144	83.9631	324.657	532.886	1137.42	1105.18
A=U R=U	0	0	0.997062	1.99412	3.98825	9.02603	13.0003	24.0134	25.9726	156.731	235.097	184.047	614.386	1262.81
A=S R=S	0	0	0.997062	1.00056	5.0028	9.02603	10.0056	23.0059	52.0011	48.0269	320.179	218.976	889.337	1585.22
A=S R=S	0	0	0.997062	1.99412	5.0028	12.0347	13.0003	23.0059	41.9816	71.9844	226.141	286.146	573.188	1461.63
vsip_vinclip.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.99412	3.00168	7.97649	24.0694	26.0006	72.768	137.699	391.828	631.403	1352.37	2024.07
A=U R=U	0	0	0.997062	1.99412	3.98825	6.00336	15.953	40.862	46.0118	145.536	369.438	227.036	985.167	3188.36
A=S R=S	0	0	0.997062	1.00056	3.98825	6.00336	12.0067	41.9816	59.8937	81.948	342.569	582.144	1638.96	3188.36
A=S R=S	0	0	0.997062	1.99412	3.98825	9.02603	39.0428	38.0633	69.9693	132.102	353.765	488.106	489.001	2830.12
vsip_vleq.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	1.00056	1.00056	2.99468	5.98937	26.9801	42.9891	85.9782	146.879	419.144
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	6.99693	31.0104	53.9603	63.1403	149.566	329.583
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.0056	36.9438	46.0118	65.0434	169.941	488.106	1235.94	1970.33
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.993	47.0193	57.9905	188.077	390.932	985.167	1988.25
vsip_vleq.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	31.0104	60.0056	132.102	379.737	485.419
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	30.0028	38.9589	60.9012	163.896	194.347	401.232
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	26.0006	52.0011	52.9527	120.907	333.166	1262.81	2203.19
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	26.0006	52.0011	67.9541	103.89	378.842	1101.6	2221.1
vsip_vlge.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	1.00056	2.99468	5.98937	18.0241	32.0179	55.0798	121.802	218.528	
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	6.99693	17.0165	29.1072	55.0798	128.072	309.88
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	48.0269	94.0387	109.04	417.8	904.562	1753.6
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	26.0006	48.9785	104.002	156.059	474.671	698.573	1862.86
vsip_vlge.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	26.9801	40.974	111.951	188.973	427.204	580.353

A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	27.9877	40.974	47.0193	158.075	202.407	487.21
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	32.0179	53.9603	126.952	338.987	1191.16	2400.23
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.993	38.0073	89.0009	141.058	335.852	1200.11	2095.72
vsip_vlgt.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	15.0014	34.9287	77.9178	164.792	232.858
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	8.00448	17.0165	38.0633	55.9754	142.401	198.825
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.99693	12.0067	24.0134	48.0269	93.0311	109.936	479.149	840.079	1735.69
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	47.0193	93.0311	100.98	465.715	758.579	1934.51
vsip_vlgt.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	33.8651	42.9891	25.9726	111.055	120.011	487.21	551.694
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	9.01204	24.0134	24.965	60.9012	150.91	206.885	399.44
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	13.9939	39.0149	150.014	92.0236	370.781	1262.81	2274.84
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	13.9939	123.146	47.0193	120.011	340.778	1164.29	2221.1
vsip_vlle.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	18.0241	27.9877	68.0661	123.594	390.484
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	8.00448	18.0241	122.026	150.91	128.967	304.506
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.0134	46.0118	93.0311	210.02	399.888	1513.57	2579.35
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	46.0118	91.016	137.923	333.166	1235.94	2274.84
vsip_vlle.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	89.0009	137.923	120.011	329.583	657.375
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	48.0269	160.09	137.028	310.775	490.792
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	26.0006	52.0011	73.9995	156.955	568.71	1191.16	2346.49
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	26.0006	54.0163	67.9541	124.937	369.885	1173.24	2364.4
vsip_vllt.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	15.0014	32.0179	51.9452	230.171	446.012
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	8.00448	17.0165	42.0935	56.871	154.94	324.21
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.0134	46.0118	104.002	115.981	514.974	1038.9	2203.19
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	47.0193	92.0236	109.936	528.408	1164.29	2185.28
vsip_vllt.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	120.907	77.0222	133.893	462.133	644.837
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	51.0496	87.9933	131.206	294.655	574.979
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	45.0042	100.98	115.085	432.13	1298.63	2149.46
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.993	38.0073	53.9603	156.955	437.056	1110.55	2203.19
vsip_vlne.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	1.00056	1.00056	2.99468	8.00448	15.0014	30.8984	44.0191	147.775	333.166
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	17.0165	34.9287	60.0056	139.715	327.792
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	31.906	47.0193	101.987	208.005	437.952	1289.67	2221.1
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	24.993	50.9936	93.0311	193.899	479.149	1137.42	2203.19
vsip_vlne.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	134.901	42.9891	62.9164	142.849	368.094	603.639
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	35.9922	39.9664	79.0373	197.033	206.885	530.199
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	138.819	55.9754	83.9631	326.001	1173.24	2418.14
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.993	33.0255	53.9603	147.103	364.064	1200.11	2400.23
vsip_vlog10.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	0.997062	1.99412	3.98825	6.99693	16.9326	31.906	52.0011	93.0311	158.075	294.207	855.304	1538.65
A=U R=U	0	0	0.997062	1.99412	3.00168	6.99693	13.9939	16.9885	33.0255	94.0387	175.091	291.968	694.991	992.332
A=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	19.0316	38.9029	106.913	175.763	284.355	321.075	857.991	1366.7
A=S R=S	0	1.00143	0.997062	1.99412	5.0028	10.0056	20.0112	24.0134	43.9967	75.007	223.006	223.902	531.095	1422.22
vsip_vlog.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0.997062	1.99412	3.98825	6.00336	15.953	16.9885	40.974	81.0524	152.029	283.907	740.667	924.266
A=U R=U	0	0	0.997062	1.99412	3.00168	7.97649	21.9703	24.0134	35.9922	37.9513	70.9768	154.044	422.726	831.123
A=S R=S	0	1.00143	0.997062	1.99412	8.01148	9.02603	31.0663	31.0663	30.0028	54.9678	132.102	237.784	880.381	1565.52
A=S R=S	0	1.00143	0.997062	1.99412	8.01148	14.9734	19.0316	40.862	45.0042	67.9541	122.026	239.127	670.809	1552.98
vsip_vma.f:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N C=N R=N	0	0	0	0	0	1.00056	2.00112	4.00224	9.01204	19.0316	66.9466	90.0084	204.198	231.066
A=U B=U C=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	11.0272	35.0406	64.9315	51.9452	133.445	315.253
A=S B=S C=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	19.0316	31.0663	58.2144	69.9693	139.043	649.315	1235.94	2310.66
A=S B=S C=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	14.9734	31.0663	58.7742	98.9645	223.006	667.227	1244.89	2436.05
vsip_vmag_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.00084	27.9877	44.0191	105.682	173.927
A=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	25.9726	47.9149	109.264	164.075
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	39.0149	75.007	139.939	248.979	842.766	1685.53
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	78.0297	139.043	218.08	791.716	1608.51
vsip_vmag_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	2.00112	3.00168	6.99693	12.9863	18.0241	52.9527	90.0084	149.118	477.358	680.661
A=U R=U	0	0	0	1.00056	2.00112	3.00168	6.99693	12.9863	17.0165	30.0028	45.0042	104.786	345.704	734.397
A=S R=S	0	0	0	1.00056	2.00112	4.00224	10.0056	20.9908	21.9983	53.9603	94.9343	184.047	913.519	1744.64
A=S R=S	0	0	0	1.00056	2.00112	4.00224	10.0056	21.9983	25.9726	54.9678	107.921	264.204	732.606	1678.37
vsip_vmag_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	3.00168	4.9958	9.99161	23.0059	33.0255	120.011	187.182	307.193	689.617
A=U R=U	0	0	0	1.00056	1.00056	3.00168	4.9958	9.99161	18.9757	22.9499	49.9301	181.808	378.842	347.495
A=S R=S	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	15.0014	43.9967	49.0345	120.907	243.605	947.552
A=S R=S	0	0	0	1.00056	1.00056	3.00168	4.9958	9.99161	15.0014	50.042	72.9919	277.19	225.693	849.035
vsip_vmax_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	13.9939	42.0935	132.102	136.132	358.243
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	78.9253	17.0165	79.0373	137.028	198.825	243.605
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	47.0193	95.0462	302.267	600.056	1343.41	2382.31
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	47.0193	166.807	178.897	506.018	1182.2	2418.14
vsip_vmaxmg_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	16.009	21.002	68.9617	180.912	381.528
A=U B=U R=U	0	0	0	0	1.00056	2.00112	5.0098	9.01204	21.0468	53.9603	81.948	181.808	347.495	
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	23.0059	46.0118	93.0311	115.085	488.106	1415.06	2561.43
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	47.0193	94.0387	182.032	479.149	1280.72	2095.72
vsip_vmaxmgval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	30.0028	51.9452	98.9645	341.226	433.474
A=U	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	31.0104	60.0056	102.995	186.286	334.957
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	32.0179	83.0675	120.907	246.292	827.54
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	32.0179	66.9466	103.89	204.198	761.265
vsip_vmaxval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	27.9877	155.612	141.058	214.05	434.369	601.848
A=U	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	21.9983	37.9513	77.0222	204.198	279.429	485.419
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	28.9953	68.9617	83.0675	206.885	316.149	700.364
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	119.228	36.0482	57.9905	129.863	272.264	746.936
vsip_vmeansqval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	1.00056	0.999161	3.00028	6.00056	13.0087	24.0023	111.055	229.275
A=U	0	0	0	0	0	0	1.00056	2.00112	3.00028	6.99693	15.0014	33.0031	95.8299	147.954
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	28.9953	62.0207	89.1128	266.891	847.244
A=S	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	57.9905	72.9919	250.77	856.2
vsip_vmeanval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	0	0.999161	3.00028	6.00056	12.0011	30.988	151.357	205.989
A=U	0	0	0	0	0	0	1.00056	0.999161	3.00028	6.00056	13.0087	39.0037	242.709	135.953
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	28.9953	57.9905	63.1403	257.039	845.452
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	32.0179	57.9905	71.2007	248.979	754.101
vsip_vmin_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	2.00112	2.99468	5.98937	13.9939	25.077	44.7803	164.792	175.001
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	8.00448	17.0165	21.002	56.871	225.693	121.086
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	47.0193	93.0311	117.101	488.106	726.337	1689.11
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	6.00336	10.9992	26.0006	47.0193	100.98	117.101	497.062	782.76	1844.95

vsip_vminmg.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	1.00056	2.00112	2.99468	6.99693	35.0406	68.0661	104.786	239.127	404.814
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	5.0098	9.01204	23.9575	64.9315	94.0387	173.748	376.155
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.0056	23.0059	46.0118	96.9494	244.053	445.116	994.123	2185.28
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.993	48.0269	118.668	180.017	365.855	1137.42	2185.28
vsip_vminmgval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	45.0042	152.029	277.19	385.111	616.177
A=U	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	73.9995	68.9617	210.02	394.962	558.858
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	45.0042	145.984	120.011	245.396	865.156
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	51.9452	70.9768	95.8299	358.243	745.145
vsip_vminval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	1.00056	1.00056	2.00112	4.00224	9.99161	15.0014	80.0448	70.0812	137.028	315.253	490.792
A=U	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	36.0482	68.9617	136.132	242.709	490.792
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	37.0557	77.9178	137.028	461.237	755.892
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	46.0118	72.0963	159.866	271.369	773.804
vsip_vmmul.f:														
Type/(m*n*p)				32^3	64^3	128^3	256^3	512^3						
A=N B=N R=N				0	1.9972	5.00107	26.0227	89.8759						
A=U B=U R=U				0	1.9972	9.02771	33.9901	68.7826						
A=S B=S R=S				2.00392	7.00364	34.9645	84.2587	719.924						
A=S B=S R=S				2.00392	7.00364	34.9645	96.8688	678.655						
vsip_vmodulate.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	2.00287	3.00868	6.01736	12.0347	24.0694	45.8998	92.9192	191.436	369.438	761.265	1504.62	3027.15
A=U R=U	0	1.00143	0.997062	3.00868	6.01736	12.0347	22.9499	45.8998	92.9192	184.719	391.828	752.309	1504.62	3045.06
A=S R=S	0	1.00143	2.00287	4.00574	6.99693	13.9939	27.9877	55.9754	110.831	239.575	443.325	953.821	2480.83	4979.57
A=S R=S	0.999248	1.00143	2.00287	4.00574	6.99693	13.9939	27.9877	55.9754	110.831	240.694	445.564	1025.47	2131.54	4155.61
vsip_vmprod.f:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N A=N Y=N				0	1.00056	5.98937	27.0921	121.802						
X=U A=U Y=U				0	1.00056	9.01204	66.9466	308.984						
X=S A=S Y=S				1.00056	4.00224	21.9983	102.099	500.644						
X=S A=S Y=S				1.00056	4.00224	21.9983	102.995	507.809						
vsip_vmprod.i:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N A=N Y=N				1.00056	4.9958	30.0028	132.998	620.655						
X=U A=U Y=U				1.00056	4.9958	30.0028	128.967	620.655						
X=S A=S Y=S				1.00056	6.00336	34.9846	158.075	797.985						
X=S A=S Y=S				1.00056	6.00336	34.9846	158.075	798.881						
vsip_vmprod.si:														
Type/(m*n)				32^2	64^2	128^2	256^2	512^2						
X=N A=N Y=N				2.00112	6.99693	34.9846	139.043	592.891						
X=U A=U Y=U				2.00112	6.99693	34.9846	139.043	592.891						
X=S A=S Y=S				2.00112	6.99693	34.9846	141.058	663.644						
X=S A=S Y=S				2.00112	6.99693	34.9846	143.073	661.853						
vsip_vmsa.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	15.0014	60.9012	82.8436	224.797	234.649
A=U B=U R=U	0	0	0	0	0	0	1.00056	2.99468	8.00448	17.0165	38.0633	50.154	137.923	182.704
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	48.9785	93.0311	102.995	501.54	1164.29	2006.16
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	48.0269	107.025	184.047	470.193	994.123	1952.42
vsip_vmsb.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N C=N R=N	0	0	0	0	0	1.00056	2.00112	4.00224	9.01204	19.0316	38.0633	44.7803	179.121	634.089
A=U B=U C=U R=U	0	0	0	0	0	1.00056	2.99468	5.0098	11.9787	27.9877	53.0647	90.9041	203.303	720.068
A=S B=S C=S R=S	0	0	0.997062	1.99412	3.00168	6.99693	14.9734	29.1072	58.2144	116.429	186.958	671.705	1844.95	2794.29
A=S B=S C=S R=S	0	0	0.997062	1.99412	3.98825	6.99693	14.9734	31.0663	59.8937	117.548	169.941	720.963	1504.62	2830.12
vsip_vmul.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	16.009	21.002	119.116	135.237	374.363
A=U B=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	11.0272	18.0241	36.9438	55.0798	295.55

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A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	27.0081	48.0269	102.995	178.897	479.149	1361.32	2256.93
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.993	52.0011	95.0462	126.952	355.108	1101.6	2203.19
vsip_vmul.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	62.1327	47.0193	88.8889	175.987	401.232	616.177
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	17.9961	34.9846	102.995	250.77	342.122	371.677	451.386
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.0056	24.993	42.9891	182.48	226.141	514.974	1226.98	2382.31
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	43.9967	81.948	158.97	555.276	1164.29	2310.66
vsip_vmul.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	25.9726	46.0118	79.0373	132.102	311.671	741.562
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	3.00168	6.99693	15.0014	28.9953	37.9513	74.1114	189.869	236.44	388.693
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	8.00448	16.009	26.9801	170.165	275.399	118.22	439.743	1438.34
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	32.0179	95.0462	62.0207	89.1128	369.885	1298.63
vsip_vneg.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	21.002	61.7968	148.671	175.001
A=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	36.0482	50.154	188.973	179.121
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	75.007	94.9343	232.858	913.519	1624.63
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	77.0222	88.8889	207.781	713.798	1330.87
vsip_vneg.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	31.0104	57.0949	142.849	240.023	555.276
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	19.0316	45.8998	81.948	242.709	453.177
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	10.9992	25.021	46.0118	75.9026	167.031	834.705	1509.99
A=S R=S	0	0	0	0	1.00056	2.00112	4.9958	10.9992	25.9726	41.9816	77.0222	163	499.748	1416.85
vsip_vneg.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	18.0241	25.9726	32.9135	58.2144	171.061	268.682
A=U R=U	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	15.0014	35.0406	45.8998	120.011	192.555	270.473
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	16.009	37.0557	38.9589	94.0387	216.737	558.858
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	34.033	51.9452	283.012	173.748	578.562
vsip_vnot.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	36.0482	36.0482	112.846	302.715	365.407
A=U R=U	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	31.0104	53.0647	107.025	133.445	268.682
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	12.0067	30.0028	41.9816	122.026	261.965	734.397	1472.38
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.9958	12.0067	27.9877	36.0482	68.9617	257.039	672.6	1633.59
vsip_vnot.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	19.0316	34.033	98.9645	234.649	442.43
A=U R=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	35.0406	49.9301	99.8601	238.231	410.188
A=S R=S	0	0	0	0	1.00056	2.00112	4.00224	12.0067	25.021	134.341	64.9315	204.198	931.431	1809.12
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	10.9992	25.021	43.9967	70.9768	162.105	732.606	1621.05
vsip_vnot.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	63.0283	53.0647	286.146	294.655	331.374
A=U R=U	0	0	0	1.00056	1.00056	2.00112	4.00224	6.99693	15.0014	38.9589	59.11	97.1733	183.599	368.99
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	138.819	60.0056	132.102	266.891	965.464
A=S R=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	43.9967	68.0661	223.006	240.918	963.673
vsip_vor.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	25.021	73.9995	180.017	166.135	248.083	385.111
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	19.9832	37.0557	45.8998	97.1733	204.198	293.759
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	33.9771	58.9981	109.04	367.199	1191.16	2221.1
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	25.021	47.0193	199.049	342.122	1119.51	2239.02
vsip_vor.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	20.9908	89.0009	62.9164	179.121	319.731	397.649
A=U B=U R=U	0	0	0.997062	1.00056	1.00056	4.00224	8.00448	15.0014	21.9983	24.965	62.0207	102.995	264.204	395.858
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	27.9877	154.492	88.8889	391.828	1200.11	2382.31
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.993	38.0073	61.0132	109.04	324.21	1200.11	2346.49
vsip_vor.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288

A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	17.0165	97.957	64.0359	145.088	333.166	712.903
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	25.9726	23.9575	60.9012	210.915	283.012	528.408
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	26.9801	42.9891	77.9178	240.023	540.051	1742.85
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	32.0179	42.9891	72.0963	243.157	475.567	1436.55
vsip_vouter.f:														
Type/(m*n)			32^2	64^2	128^2	256^2	512^2							
X=N Y=N R=N			0	1.00056	4.00224	16.9941	93.1431							
X=U Y=U R=U			0	2.00112	6.99693	27.9877	146.879							
X=S Y=S R=S			1.00056	4.00224	21.9983	96.0538	427.204							
X=S Y=S R=S			1.00056	4.00224	21.9983	94.9343	415.561							
vsip_vpolar.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N P=N	0.999248	1.00143	2.00287	4.00574	8.01148	16.023	31.0663	62.1327	120.907	244.053	499.301	976.211	1979.29	3958.58
A=U R=U P=U	0.999248	1.00143	2.00287	4.00574	8.01148	14.9734	29.9468	59.8937	127.064	251.889	506.018	994.123	1979.29	4066.05
A=S R=S P=S	0.999248	1.00143	2.00287	5.0028	10.0056	21.9703	43.9407	78.0857	155.052	317.94	651.554	1549.4	3268.96	6466.28
A=S R=S P=S	0.999248	1.00143	2.00287	5.0028	10.0056	23.0199	43.9407	82.004	174.083	324.657	624.685	1518.05	3286.88	5570.67
vsip_vputattrib_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vputattrib_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vputattrib_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vputattrib_mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vputattrib_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vputattrib_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vput_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vput_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0

vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vramp.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	15.0014	39.0037	93.1431	222.11
R=U	0	0	0	0	0	1.00056	1.00056	2.99468	4.9986	9.99721	19.9944	42.9891	96.7255	164.075
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.98937	15.0014	34.033	70.0812	111.951	280.325	782.76
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.98937	13.9939	34.033	70.9768	106.129	260.621	822.167
vsip_vramp.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	16.9885	34.9846	26.9801	38.0633	81.0524	178.226	322.418
R=U	0	0	0.997062	1.00056	2.00112	5.0028	8.99805	16.9885	34.9846	22.9499	38.0633	77.0222	160.314	261.517
R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	17.9961	40.974	32.0179	62.0207	121.802	299.133	965.464
R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	17.9961	40.974	23.9575	51.9452	112.846	343.913	820.375
vsip_vramp.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	13.9939	36.0482	78.8134	208.676	361.825
R=U	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	13.9939	38.9589	65.8271	140.61	268.682
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	13.9939	38.9589	69.8573	157.627	438.847
R=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	25.9726	45.0042	68.0661	159.418	324.21
vsip_vrandn.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	2.00068	4.98531	9.00854	19.0666	34.9846	68.9897	141.338	296.67	593.339	1265.04	2395.75	4791.49	9582.99	19166
R=U	2.00068	4.98531	9.00854	18.0171	34.9846	68.9897	141.338	293.871	598.937	1153.09	2418.14	4836.27	9582.99	19166
R=S	2.00068	4.98531	9.00854	17.0025	36.0342	72.768	146.935	307.865	604.534	1197.87	2395.75	4836.27	9582.99	19345.1
R=S	2.00068	4.98531	9.00854	18.0171	36.0342	72.768	159.53	293.871	587.742	1197.87	2418.14	4836.27	9582.99	19345.1
vsip_vrandu.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
R=N	0	0	0.997062	1.99412	3.00168	6.00336	12.0067	26.0006	52.0011	108.033	205.989	412.875	832.914	1633.59
R=U	0	0	0.997062	1.99412	3.00168	6.00336	12.0067	24.993	49.986	99.9721	207.109	420.935	799.777	1622.84
R=S	0	0	0.997062	1.99412	3.00168	6.00336	13.0003	38.9029	52.0011	104.002	212.035	411.979	859.782	1862.86
R=S	0	0	0.997062	1.99412	3.00168	6.00336	19.0316	27.0081	52.0011	104.002	218.976	411.979	866.051	1844.95
vsip_vreal.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	25.077	33.9883	189.869	186.286
A=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	13.9939	42.0039	99.4123	191.66
A=S R=S	0	0	0	1.00056	2.00112	3.00168	8.00448	19.0036	38.0073	75.007	210.02	270.921	1012.04	1694.49
A=S R=S	0	0	0	1.00056	2.00112	4.00224	6.99693	17.9961	38.0073	75.007	92.0236	262.86	686.93	1549.4
vsip_vrealview.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
complex_vector=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	4.99301	0	0	0
vsip_vrealview.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
complex_vector=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vrealview.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
complex_vector=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
complex_vector=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vrecip.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	16.009	47.9149	121.802	144.193	252.561
A=U R=U	0	0	0	0	1.00056	1.00056	2.99468	11.9787	15.0014	47.9149	59.11	120.011	229.275	
A=S R=S	0	0	0	1.00056	2.00112	4.00224	8.00448	19.0036	41.9816	81.0524	145.984	205.989	801.568	1447.3
A=S R=S	0	0	0	1.00056	2.00112	4.00224	8.00448	20.0112	40.0224	81.0524	111.951	214.05	549.902	1407.89
vsip_vrect.f:														

Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
R=N P=N A=N	0	1.00143	0.997062	3.00868	6.01736	12.0347	20.0112	69.1296	77.2461	164.568	320.179	617.968	1047.86	1302.21	
R=U P=U A=U	0	1.00143	2.00287	3.00868	6.01736	12.0347	15.953	45.8998	81.7241	144.417	255.248	483.627	624.238	872.321	
R=S P=S A=S	0.999248	1.00143	2.00287	4.00574	8.99105	16.023	20.0112	40.862	184.159	161.209	228.38	873.216	1612.09	3170.45	
R=S P=S A=S	0.999248	1.00143	2.00287	4.00574	8.01148	16.023	20.0112	40.862	150.014	184.719	255.248	815.002	1621.05	3062.97	
vsip_vrsqrt.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	11.0272	13.9939	25.077	114.19	254.352	338.539	
A=U R=U	0	0	0	0	1.00056	1.00056	4.00224	5.0098	9.01204	18.0241	32.9135	68.0661	229.275	306.297	
A=S R=S	0	0	0	1.00056	2.00112	4.00224	8.00448	19.0036	39.0149	53.9603	195.018	204.198	1083.68	1988.25	
A=S R=S	0	0	0	0.997062	1.00056	2.00112	4.00224	8.99805	19.0036	38.0073	78.0297	139.939	214.946	795.299	1776.88
vsip_vsam.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N C=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	15.0014	44.1086	69.8573	135.237	306.297	
A=U C=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	8.00448	17.0165	49.9301	88.2172	205.094	306.297	
A=S C=S R=S	0	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	46.0118	93.0311	165.015	456.759	1352.37	2256.93
A=S C=S R=S	0	0	0	0.997062	1.00056	3.00168	6.00336	10.9992	24.0134	48.9785	92.0236	235.097	417.8	1092.64	2185.28
vsip_vsbm.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N B=N C=N R=N	0	0	0	0	0	1.00056	2.00112	4.00224	9.01204	28.9953	100.084	214.946	230.171	617.968	
A=U B=U C=U R=U	0	0	0	0	0	1.00056	2.00112	4.00224	11.0272	34.033	51.9452	93.1431	273.16	549.902	
A=S B=S C=S R=S	0	0	0	0.997062	1.99412	3.98825	6.99693	14.9734	31.0663	58.2144	77.0222	195.018	922.475	2221.1	3242.1
A=S B=S C=S R=S	0	0	0	0.997062	1.99412	3.98825	6.99693	14.9734	29.1072	58.7742	65.0434	169.046	738.875	1576.27	2865.94
vsip_vscatter.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
X=N Y=N I=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.9885	45.0042	75.007	160.985	363.168	749.623	1809.12	
X=U Y=U I=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.9885	34.9846	72.9919	160.09	351.973	768.43	1744.64	
X=S Y=S I=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	55.9754	124.265	268.682	788.134	2427.09	5875.18	
X=S Y=S I=S	0	0	0.997062	1.00056	2.00112	5.0028	19.0316	26.0006	57.0949	125.385	266.443	797.09	2453.96	5821.44	
vsip_vscatter.i:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
X=N Y=N I=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.9885	34.9846	99.9721	169.046	355.108	768.43	1844.95	
X=U Y=U I=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.9885	34.9846	86.9858	165.015	367.199	760.37	1827.04	
X=S Y=S I=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	55.9754	124.265	264.204	797.09	2445.01	5785.62	
X=S Y=S I=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	58.2144	123.146	268.682	806.046	2418.14	5875.18	
vsip_vscatter.si:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
X=N Y=N I=N	0	0	0.997062	1.00056	2.00112	5.0028	8.99805	16.009	33.9771	69.9693	145.088	317.94	703.051	1495.66	
X=U Y=U I=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	33.9771	69.9693	150.91	318.836	687.826	1472.38	
X=S Y=S I=S	0	0	0.997062	1.00056	2.00112	4.00224	10.0056	21.9983	48.0269	104.002	246.292	514.974	1621.05	4370.56	
X=S Y=S I=S	0	0	0.997062	1.00056	2.00112	5.0028	8.99805	21.9983	48.0269	104.002	248.531	514.974	1656.87	4281	
vsip_vsddiv.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.00084	27.0921	27.9877	148.671	173.927	
A=U R=U	0	0	0	0	0	0	1.00056	2.00112	4.00224	9.99721	36.9438	44.7803	162.105	171.061	
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	39.0149	75.007	139.939	197.033	821.271	1809.12	
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	40.0224	80.0448	87.9933	226.141	791.716	1579.85	
vsip_vsin.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	1.00143	0.997062	1.99412	5.0028	9.02603	18.0521	27.9877	46.0118	101.987	184.943	470.193	1218.02	1024.57	
A=U R=U	0	1.00143	0.997062	1.99412	3.98825	7.97649	16.9326	43.1011	104.114	132.102	175.987	211.811	556.172	911.727	
A=S R=S	0	1.00143	2.00287	3.00868	6.01736	12.0347	24.0694	43.1011	67.7302	92.0236	145.088	286.146	857.095	1934.51	
A=S R=S	0	1.00143	2.00287	3.00868	6.01736	12.0347	24.0694	29.1072	133.221	68.9617	141.058	281.22	816.793	1862.86	
vsip_vsinh.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N R=N	0	1.00143	0.997062	3.00868	6.01736	10.9852	22.9499	45.0602	91.2399	182.48	364.96	801.568	1585.22	3152.53	
A=U R=U	0	1.00143	0.997062	3.00868	6.01736	10.9852	24.0694	45.8998	94.0387	182.48	441.086	810.524	1549.4	3206.27	
A=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.9939	27.0081	57.9345	110.272	218.304	577.666	886.65	2033.03	4173.53	
A=S R=S	0	1.00143	2.00287	4.00574	6.99693	13.9939	27.0081	54.0163	194.235	293.311	441.086	976.211	2033.03	4083.97	
vsip_vσμα.f:															
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288	
A=N C=N R=N	0	0	0	0	0	0	1.00056	2.99468	11.9787	20.0392	27.9877	46.1237	177.33	250.77	
A=U C=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	6.99693	23.9575	30.8984	148.223	145.984	261.517	
A=S C=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.0056	27.0081	46.0118	84.9707	158.97	474.671	1128.46	2256.93	
A=S C=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.993	49.986	63.0283	163.896	488.106	1083.68	2221.1	

vsip_vmsa.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	1.00056	2.00112	4.00224	5.98937	11.9787	30.8984	50.154	130.759	234.649
A=U R=U	0	0	0	0	0	0	2.00112	2.00112	5.98937	11.0048	27.0921	36.9885	111.951	195.242
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	19.0036	39.0149	76.0146	195.018	346.152	1038.9	1787.63
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	38.0073	79.0373	88.8889	254.8	851.722	1714.19
vsip_vsq.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	0	0	1.00056	2.00112	4.00224	8.00448	25.9726	44.0191	187.182	342.122
A=U R=U	0	0	0	0	0	0	2.00112	2.00112	4.00224	9.99721	62.0207	47.0193	151.357	318.836
A=S R=S	0	0	0	1.00056	2.00112	3.00168	8.00448	19.0036	40.0224	79.0373	94.0387	253.009	580.353	1241.31
A=S R=S	0	0	0	1.00056	2.00112	3.00168	6.99693	17.9961	39.0149	78.0297	186.958	256.143	463.924	1282.51
vsip_vsqrt.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	0	0	0	1.00056	2.00112	4.00224	8.00448	20.9908	41.9816	70.9768	111.951	215.841	437.056
A=U R=U	0	0	0	1.00056	1.00056	2.00112	4.00224	9.01204	17.0165	32.0179	53.0647	140.162	157.627	331.374
A=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	21.9983	33.0255	51.0496	77.0222	249.874	771.117	1809.12
A=S R=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	26.0006	26.9801	39.9664	137.923	254.8	828.436	1474.17
vsip_vsub.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0	0	0	0	1.00056	2.99468	5.98937	13.9939	148.895	81.0524	140.61	284.803
A=U B=U R=U	0	0	0	0	0	1.00056	2.00112	2.99468	8.00448	17.0165	38.0633	38.0185	232.858	284.803
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	24.0134	47.0193	97.957	113.07	483.627	1307.59	2400.23
A=S B=S R=S	0	0	0.997062	1.00056	3.00168	6.00336	12.0067	24.993	48.0269	94.0387	156.955	474.671	1280.72	2400.23
vsip_vsub.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	30.0028	38.9589	75.007	138.819	456.759	637.672
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	51.9452	75.9026	123.146	243.605	517.661
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	13.9939	24.993	49.986	98.9645	186.062	337.196	1244.89	2239.02
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	26.0006	55.9754	41.9816	188.973	337.196	1101.6	2221.1
vsip_vsub.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	28.9953	40.974	171.061	189.869	417.353	528.408
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	33.0255	43.9967	72.9919	128.072	276.742	524.825
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	128.743	46.0118	163.896	244.053	462.133	1012.04
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	16.009	132.102	37.9513	62.9164	174.195	435.265	1099.8
vsip_vsubview.bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vsubview.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vsubview.i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vsubview.mi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vsubview.si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0

vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vsubview_vi:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
vektor=N	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vektor=S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vsip_vsumsqval.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	1.00056	0.999161	3.00028	6.00056	13.0087	35.0182	152.253	225.693
A=U	0	0	0	0	0	0	1.00056	2.00112	3.00028	6.99693	13.9939	30.988	72.9919	147.954
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	28.9953	62.0207	89.1128	274.056	863.365
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	13.9939	28.9953	57.9905	86.8738	352.869	782.76
vsip_vsumval_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	1.00056	2.00112	4.00224	6.99693	18.0241	19.0316	60.9012	102.995	262.413	535.573
A=U	0	0	0	0	1.00056	2.00112	4.00224	6.99693	15.0014	18.0241	55.0798	184.047	239.127	379.737
A=S	0	0	0	0	1.00056	2.00112	4.00224	8.00448	17.0165	28.9953	60.9012	120.011	341.226	612.595
A=S	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	17.0165	31.0104	51.0496	85.0826	134.341	560.65
vsip_vsumval_f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	0	0	0	0.999161	3.00028	6.00056	12.0011	85.9782	76.037	123.952
A=U	0	0	0	0	0	0	1.00056	0.999161	3.00028	6.00056	13.0087	38.0185	68.9617	123.056
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	28.9953	57.9905	63.1403	233.753	702.155
A=S	0	0	0	0	1.00056	2.00112	2.99468	6.99693	15.0014	30.0028	57.9905	95.8299	151.357	702.155
vsip_vsumval_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	1.00056	1.00056	2.99468	10.9992	10.0196	15.0014	40.0784	101.204	147.775	270.473
A=U	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	27.9877	36.9438	55.9754	151.357	272.264
A=S	0	0	0	0	1.00056	1.00056	2.99468	5.98937	12.9863	33.0255	53.9603	81.0524	211.363	605.43
A=S	0	0	0	0	1.00056	1.00056	2.99468	5.98937	12.9863	25.9726	47.9149	74.7831	206.885	542.737
vsip_vsumval_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	25.9726	30.0028	52.8408	247.187	304.506
A=U	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	12.9863	36.9438	141.058	163.896	352.869
A=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	26.9801	36.9438	65.8271	169.27	338.539
A=S	0	0	0	0	1.00056	1.00056	2.99468	5.0098	10.0196	30.0028	44.1086	68.9617	169.27	266.891
vsip_vswap.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	0	0	0	1.00056	2.99468	4.9986	15.0014	27.9877	55.0798	137.923	322.418
A=U B=U	0	0	0	0	0	1.00056	1.00056	4.00224	5.98937	15.0014	32.0179	56.871	139.715	309.88
A=S B=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	23.0059	43.9967	90.0084	122.026	415.114	1065.77	2149.46
A=S B=S	0	0	0.997062	1.00056	3.00168	5.0028	10.9992	24.0134	48.9785	101.987	113.966	260.174	888.442	2041.98
vsip_vswap_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	34.033	40.974	81.0524	377.05	540.946
A=U B=U	0	0	0	1.00056	1.00056	2.00112	4.00224	8.00448	16.009	40.974	53.9603	171.061	248.979	318.836
A=S B=S	0	0	0	1.00056	2.00112	4.00224	6.99693	16.9885	36.9997	56.983	218.976	230.171	878.59	2131.54
A=S B=S	0	0	0	1.00056	2.00112	4.00224	6.99693	16.9885	40.974	65.0434	115.085	231.962	869.634	2149.46
vsip_vswap_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N	0	0	0	1.00056	1.00056	2.00112	4.9958	8.00448	41.9816	36.0482	128.072	167.031	360.034	499.748
A=U B=U	0	0	0	1.00056	1.00056	2.00112	4.00224	10.9992	30.0028	36.0482	51.9452	85.0826	187.182	420.935
A=S B=S	0	0	0	1.00056	1.00056	3.00168	4.9958	10.9992	23.0059	51.9452	51.0496	134.789	334.061	951.134
A=S B=S	0	0	0	1.00056	1.00056	3.00168	4.9958	12.0067	33.9771	45.0042	70.9768	137.923	280.325	942.178
vsip_vtan.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N R=N	0	1.00143	0.997062	1.99412	5.0028	9.02603	35.9642	29.1072	49.986	105.01	197.929	403.023	783.656	836.496
A=U R=U	0	1.00143	0.997062	1.99412	3.98825	9.02603	19.0316	29.9468	55.9754	99.9721	182.928	470.193	336.748	594.683
A=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.0143	18.0521	45.0602	87.8814	156.731	300.028	685.139	829.332	1633.59
A=S R=S	0	1.00143	2.00287	3.00868	6.99693	13.0143	18.0521	50.9376	90.1204	154.492	304.506	573.188	765.743	1545.82
vsip_vtanh.f:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288

A=N R=N	0	0	0.997062	1.99412	5.0028	6.99693	19.0316	29.1072	76.1265	120.907	248.531	514.974	994.123	2006.16
A=U R=U	0	0	0.997062	1.99412	5.0028	6.99693	16.9326	29.9468	68.8497	119.787	239.575	479.149	985.167	1970.33
A=S R=S	0	1.00143	0.997062	3.00868	6.01736	12.0347	22.9499	45.8998	92.9192	184.719	369.438	765.743	1692.7	3618.25
A=S R=S	0	1.00143	0.997062	3.00868	6.01736	12.0347	22.9499	45.8998	91.7997	184.719	376.155	770.222	1701.65	3582.43
vsip_vxor_bl:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	21.9983	38.9589	47.9149	103.89	326.001	596.474
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	15.0014	25.9726	64.0359	101.204	236.44	567.814
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	24.993	40.0224	62.0207	111.055	434.817	1289.67	1880.77
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	12.0067	26.0006	21.9983	55.9754	109.04	433.026	825.749	1809.12
vsip_vxor_i:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	36.9997	69.9693	115.085	214.946	293.759	569.606
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	8.00448	15.0014	36.9997	39.9664	57.9905	102.099	377.946	404.814
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	26.0006	39.0149	147.775	87.9933	390.932	1218.02	2364.4
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	5.0028	10.9992	24.993	32.0179	51.9452	107.025	434.817	1155.33	2239.02
vsip_vxor_si:														
Type/n	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
A=N B=N R=N	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	36.0482	57.0949	95.8299	312.567	526.617
A=U B=U R=U	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	30.0028	36.0482	60.0056	204.198	236.44	446.012
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	31.0104	39.9664	81.0524	150.014	492.584	1357.74
A=S B=S R=S	0	0	0.997062	1.00056	2.00112	4.00224	6.99693	15.0014	31.0104	221.663	77.0222	119.116	421.831	1234.15