

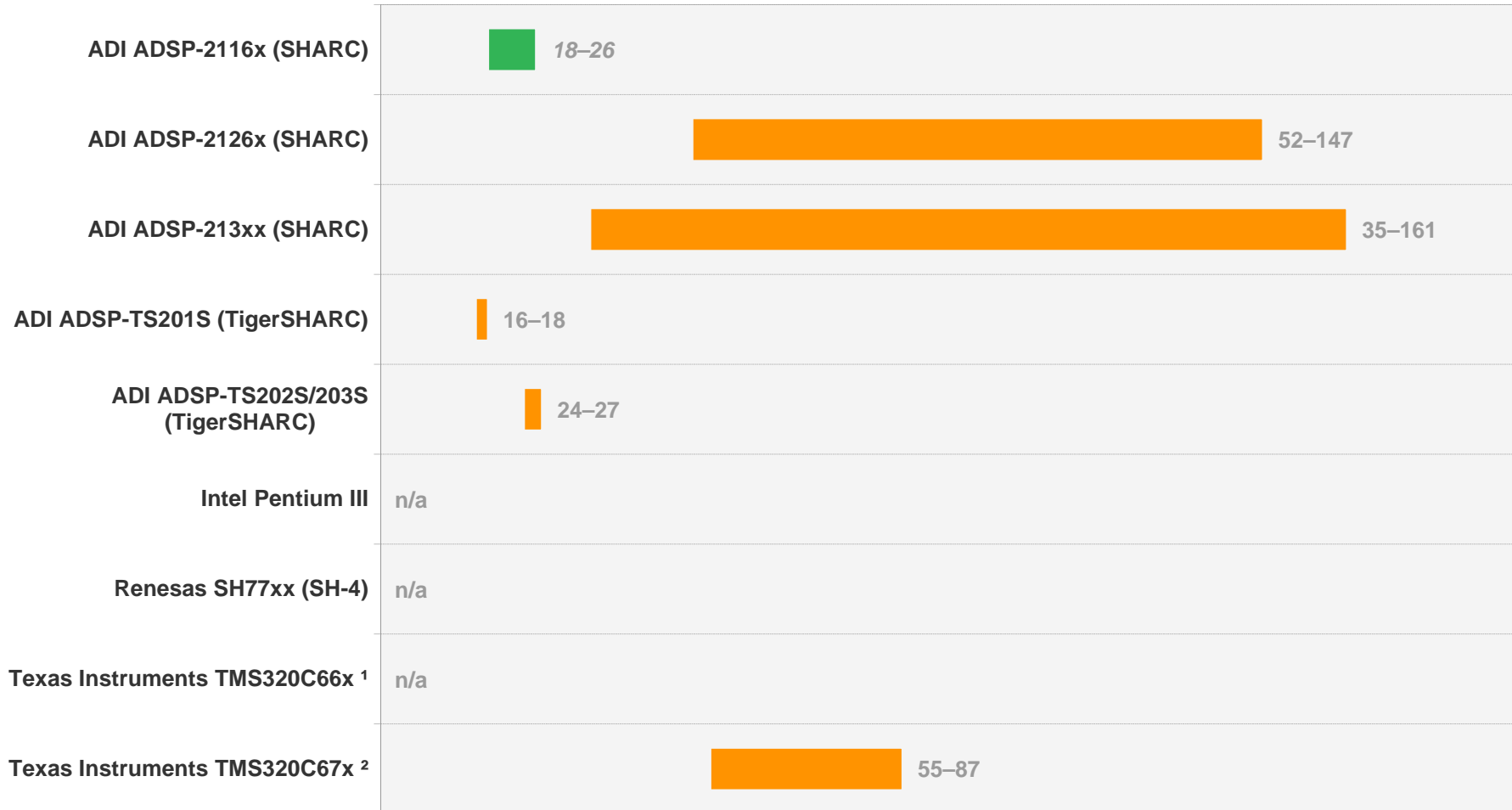
Speed per Dollar Ratios for Floating-Point Packaged Processors

Updated February 2011

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See page 2 for details.



¹ Score for one core

² Score does not apply to TMS320C67x+ parts (e.g., the TMS320C672x)

All processors benchmarked with 32-bit floating-point data.

BDTIsimMark2000™ scores may be based on projected clock speeds. For information, see www.BDTI.com/Services/Benchmarks

■ BDTImark2000™/\$
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Processor Family	Clock Rate (min-max)	BDTImark2000™, BDTIsimMark2000™ (min-max)	Cost (10K) (min-max)	BDTImark2000™/\$, BDTIsimMark2000™/\$ (min-max)
ADI ADSP-2116x (SHARC)	100–110 MHz	550–600	\$23–32	18–26
ADI ADSP-2126x (SHARC)	150–200 MHz	820–1090	\$6–21	52–147
ADI ADSP-213xx (SHARC)	200–400 MHz	1020–2050	\$8–38	35–161
ADI ADSP-TS201S (TigerSHARC)	500–600 MHz	3730–4480	\$228–248	16–18
ADI ADSP-TS202S/203S (TigerSHARC)	500 MHz	3620	\$133–151	24–27
Intel Pentium III	1400 MHz	3130	n/a	n/a
Renesas SH77xx (SH-4)	333–400 MHz	1040–1250	n/a	n/a
Texas Instruments TMS320C66x ¹	1000–1500 MHz	8570–12860	\$99-399 ³	n/a
Texas Instruments TMS320C67x ²	150–300 MHz	750–1500	\$11–27	55–87

¹ Score for one core

² Score does not apply to TMS320C67x+ parts (e.g., the TMS320C672x)

All processors benchmarked with 32-bit floating-point data.

³ Cost for Quantity 1K

BDTImark2000™, BDTIsimMark2000™: The BDTImark2000™ and BDTIsimMark2000™ provide a summary measure of signal processing speed. BDTIsimMark2000™ scores may be based on projected clock speeds. For information see www.BDTI.com/benchmarks.html

Note: In general, BDTImark2000™/\$ and BDTIsimMark2000™/\$ scores cannot be computed from the speed and pricing data presented here. For example, the fastest processors are not always the most expensive processors. Therefore, it is not always possible to calculate a speed per dollar ratio by dividing the maximum speed for a family by the maximum price for the family.