

Blackfin Signal Processing Performance

BDTImark2000™

Analog Devices ADSP-21xx (80 MHz) 240

Analog Devices ADSP-219x (160 MHz) 410

Analog Devices ADSP-BF53x (Blackfin) (600 MHz) 3360

Analog Devices ADSP-BF53x (Blackfin) (750 MHz) 4190

Agere Systems DSP164xx (285 MHz) 1360*

Hitachi SH3-DSP (200 MHz) 490

Intel PXA2xx (XScale) (400 MHz) 930

LSI Logic ZSP400/LSI Logic LSI40x (200 MHz) 940

Motorola DSP563xx (240 MHz) 710

Motorola DSP568xx (80 MHz) 110

StarCore SC140/Motorola MSC81xx (300 MHz) 3370*

Texas Instruments TMS320C54x (160 MHz) 500

Texas Instruments TMS320C55x (300 MHz) 1460

Texas Instruments TMS320C62x (300 MHz) 1920

Texas Instruments TMS320DM64x (600 MHz) 5480

Texas Instruments TMS320C64x (720 MHz) 6570



The BDTImark2000 provides a summary measure of DSP speed. For more info and scores see www.BDTI.com. Scores ©2004 BDTI.