



Experience record-breaking programming speeds for managed NAND devices with 8th Generation programming solutions now powered by Vector Engine BitBlast



BitBlast is BPM Microsystems' enhancement to the Vector Engine Co-Processor®, which allows customers to achieve the fastest programming speeds in the industry for high-density managed NAND devices that utilize the eMMC interface, drastically increasing overall throughput. Just take a look at some of our ultra fast programming times:

Vector Engine BitBlast Program and Verify Time Comparison

Mfr.	Device	Memory	Without BitBlast*	With BitBlast*	% Improvement
SanDisk	SDIN5C2-4G	4 GB	1070 seconds	469 seconds	56%
SanDisk	SDIN5C2-8G	8 GB	2091 seconds	933 seconds	55%
Micron	MTFC4GGQ-DI-WT	4 GB	1083 seconds	508 seconds	53%
Toshiba	THGBM1G5D2EBAI7	4 GB	959 seconds	460 seconds	52%
Samsung	KLM2G1DEHE-B101	2 GB	488 seconds	398 seconds	18%

*Program+Verify the entire device range

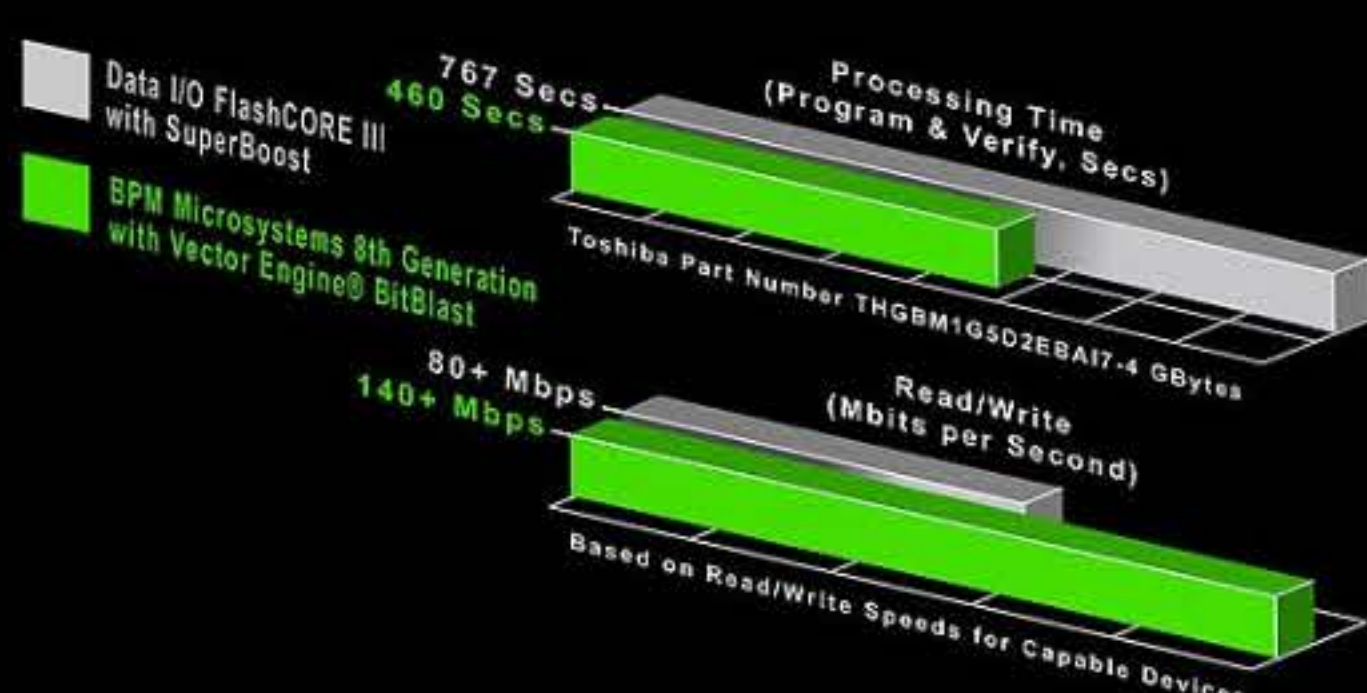
Vector Engine® Bitblast Program and Verify Time Comparison



BPM Microsystems' BitBlast vs. Data I/O's SuperBoost

Mfr.	Device	Memory	SuperBoost* Program+Verify	BitBlast Program+Verify	BitBlast % Faster
Toshiba	THGBM1G5D2EBAI7	4 GB	767 seconds	460 seconds	60%

Compare BPM Microsystems' 8TH Generation with Vector Engine® BitBlast vs. Data I/O's FlashCORE III with SuperBoost Technology*



Because BitBlast can be achieved via firmware changes, customers with a Vector Engine-powered device programmer and a current support agreement can benefit from the enhancement simply by downloading the latest version of BPWin. Find out more on programmers with BitBlast technology:

> 4800

High volume, universal support, automated programming solution

> 3800

Mid to high volume, universal support, automated programming solution

> 3000FS-MK2

Flash-dedicated, automated programming solution

> 2800

Single and multi-site, universal support, manual programming solution

> Flashstream 2800F-MK2

Flash-dedicated, manual programming solution

We designed the Vector Engine Co-Processor with power, speed and versatility in mind. As newer and faster devices are introduced onto the market, the Vector Engine Co-Processor with 8th Generation and Flashstream Mark 2 programming technology adapt to the faster speeds, giving our customers the BPM Microsystems advantage.

> [Contact us to see how BitBlast can work for you.](#)



BPM MICROSYSTEMS
Setting the Standard in Device Programming

Setting the Standard in Device Programming
BPM MICROSYSTEMS