

Product Change Notification: StorFly / TuffDrive CE Class SSD

To: Digi-Key Electronics
 Date: February 1, 2016

This notice hereby announces the end-of-life (EOL) of Virtium StorFly and TuffDrive SSDs using the Toshiba A19 MLC NAND flash technology.

Reason for change:

Toshiba's formal EOL of A19nm DDR MLC. The replacement A15nm DDR MLC is a form-fit-function equivalent to the Toshiba A19nm DDR MLC (see table below).

	A19nm DDR MLC	A15nm DDR MLC
Toshiba P/N	TH58TxGxDxKBAxx	TH58TFGxDLBAxC
Capacity		
Page size / block size	17664 Bytes / (4M+320K) Bytes	17664 Bytes / (4M+320K) Bytes
Access Time		
Cell array to Register	80µs max (50µs typ.)	85µs max (50µs typ.)
Data Transfer Rate	200 MHz	200MHz
Program/Erase Time		
Auto Page Program	1400µs/page typ.	1400µs/page typ.
Auto Block Erase	5ms/block typ.	5ms/block typ.
Operating Current		
Read	50 mA max. (per 1 chip)	50 mA max. (per 1 chip)
Program (avg.)	50 mA max. (per 1 chip)	50 mA max. (per 1 chip)
Erase (avg.)	50 mA max. (per 1 chip)	50 mA max. (per 1 chip)

Traceability:

Standard A15nm part numbers will end in "-150" (previous A19nm parts ended in "-100").

Products affected:

All StorFly and TuffDrive CE class products.

Form Factor	Old Virtium Part No.	New Virtium Part No.
StorFly CE 2.5"	VSFB25CxxxxG-100	VSFB25CxxxxG-150
StorFly CE 1.8"	VSFB18CxxxxG-100	VSFB18CxxxxG-150
StorFly CE Slim SATA	VSF202CxxxxG-100	VSF202CxxxxG-150
StorFly CE mSATA	VSF302CxxxxG-100	VSF302CxxxxG-150
StorFly CE M.2 (SATA)	VSFBM4CxxxxG-100	VSFBM4CxxxxG-150
	VSFBM8CxxxxG-100	VSFBM8CxxxxG-150
StorFly CE M.2 (PCIe)	VSFPM8CxxxxG-100	VSFPM8CxxxxG-150
StorFly CE Express Minicard	VSF30PCxxxxG-100	VSF30PCxxxxG-150
StorFly CE CFast	VSFCS2CxxxxG-100	VSFCS2CxxxxG-150

TuffDrive CE USB (key)	VTDU24CxxxxG-100 VTDU25CxxxxG-100	VTDU34CxxxxG-150 VTDU35CxxxxG-150
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Last Time Buy	Last Time Ship	Qualification Samples Available	Full Production Date
July 15, 2016	December 23, 2016	3-4 weeks ARO	6-8 weeks ARO

Please contact your Virtium representative should qualification samples be required.

Virtium Contact: [Virtium Sales Representative] | E-mail: [Sales Representative e-mail]

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