April 6, 2007

PCN number: 0706

PCN change level: Minor

Subject: Silicon Sculptor Software Improvement for the SX Family

Dear Purchasing,

A minor change was made to Silicon Sculptor Software v4.62.2 (Silicon Sculptor II and 3 only) to improve programming yield on the SX product family, primarily the A54SX16 device. The programmer control signal output voltages were raised to be in line with V_{CC} on all SX devices. There is no impact to device form, fit, function, performance, or reliability.

Table 1: Devices

Device	Packages	Speed Grades	Temp	DSCC Part Numbers
A54SX08	FG144, FGG144, PL84, PLG84, PQ208, PQG208, TQ144, TQG144, TQ176, TQG176, VQ100, VQG100	Std, F, 1, 2, 3	C, I	N/A
A54SX16	PQ208, PQG208, TQ176, TQG176, VQ100, VQG100, CQ208, CQ256	Std, F, 1, 2, 3	C, I, M, B	5962-9956903QYC, 5962-9956904QYC, 5962-9956903QXC, 5962-9956904QXC
A54SX16P	PQ208, PQG208, TQ144, TQG144, TQ176, TQG176, VQ100, VQG100	Std, F, 1, 2, 3	C, I, M	N/A
A54SX32	PQ208, PQG208, TQ144, TQG144, TQ176, TQG176, BG329, BGG329, BG313, CQ208, CQ256	Std, F, 1, 2, 3	C, I, M, B	5962-9958601QYC, 5962-9958602QYC, 5962-9958601QXC 5962-9958602QXC

We recommended that customers use the latest version of software when programming with Silicon Sculptor programmers. The latest version of Silicon Sculptor software may be downloaded from the Actel website http://www.actel.com/download/program_debug/ss/

If you have any questions, please contact Actel's technical support hotline at tech@actel.com.

Regards,

Actel