December 11, 2009

PDN Number: 0912
PDN Change Level: Major

Subject: Discontinuation of SM160PQ-ACTEL Programming Module

Dear Actel Customer,

This letter is to inform you of Actel's decision to obsolete the SM160PQ-ACTEL programming module, which is superseded by the SM160PQ-ACTEL-1 module.

The SM160PQ-ACTEL-1 module is of specific benefit to customers who use the devices shown in Table 1 as it will significantly increase the programming yield. Devices other than these, listed in Table 2, can use the new module but will receive no benefit other than use of our currently supported module.

Table 1. Devices Benefitting From SM160PQ-ACTEL-1

Device	Package
A42MX09	PQ160
A42MX16	PQ160
A42MX24	PQ160

Customers using the SM160PQ-ACTEL programmer for the devices in Table 1 typically have experienced excessive programming failures that have resulted in product Return Material Authorizations (RMAs) to Actel, causing production delays. Use of the SM160PQ-ACTEL-1 module addresses the programming failures caused by the SM160PQ-ACTEL programmer, thus minimizing if not eliminating historical RMAs and resulting production delays.

Table 2. Other PQ160 Device/Packages

Part Number	Part Number	Part Number	Part Number	Part Number
A1280A-PQ160C	A1425A-PQ160I	A1460A-2PQ160C	A42MX09-1PQ160I	A42MX16-2PQ160I
A1280A-1PQ160C	A1425A-1PQ160I	A1460A-3PQ160C	A42MX09-2PQ160I	A42MX16-3PQ160I
A1280A-2PQ160C	A1425A-2PQ160I	A1460A-PQ160I	A42MX09-3PQ160I	A42MX16-PQ160A
A1280A-PQ160I	A14V25A-PQ160C	A1460A-1PQ160I	A42MX09-PQ160A	A42MX16-PQ160M
A1280A-1PQ160I	A1440A-PQ160C	A1460A-2PQ160I	A42MX09-PQ160M	A42MX16-1PQ160M
A1280A-2PQ160I	A1440A-1PQ160C	A1460A-3PQ160I	A42MX09-1PQ160M	A42MX24-PQ160
A1280A-PQ160M	A1440A-2PQ160C	A14V60A-PQ160C	A42MX16-PQ160	A42MX24-FPQ160
A1280A-1PQ160M	A1440A-PQ160I	A42MX09-PQ160	A42MX16-FPQ160	A42MX24-1PQ160
A1425A-PQ160C	A1440A-1PQ160I	A42MX09-FPQ160	A42MX16-1PQ160	A42MX24-2PQ160
A1425A-1PQ160C	A1440A-2PQ160I	A42MX09-1PQ160	A42MX16-2PQ160	A42MX24-3PQ160
A1425A-2PQ160C	A14V40A-PQ160C	A42MX09-2PQ160	A42MX16-3PQ160	A42MX24-PQ160I
A1425A-PQ160I	A1460A-PQ160C	A42MX09-3PQ160	A42MX16-PQ160I	A42MX24-1PQ160I
A1425A-1PQ160I	A1460A-1PQ160C	A42MX09-PQ160I	A42MX16-1PQ160I	A42MX24-2PQ160I
A1425A-2PQ160I				

The SM160PQ-ACTEL-1 module can be ordered now and the lead time is 8 to 10 weeks. Actel will offer a free upgrade if the module is still under warranty (1 year). For replacement of modules that are out of warranty, please place your order for the new module as soon as possible. List price is $625; however this is a limited time offer as there will be a price increase in February 2010.

Alternatively, Actel and its authorized Distributors offer programming services for programming Actel FPGAs. Contact your local Actel Sales Representative for additional information.

Regards,

Actel Software Tools Marketing