



August 18, 2010

CN Number: 1007

CN Change Level: Minor

Subject: Programming software update for Actel A42MX product families manufactured in UMC wafer foundry

Dear Customer,

This is to inform you that the Silicon Sculptor software has been updated to add support for UMC wafer foundry produced A42MX family devices. This update is included in Silicon Sculptor version 5.8.0. Use of the v5.8.0 software ensures optimal programming yields for Actel A42MX product families from the UMC wafer foundry. Silicon Sculptor v5.8.0 also supports 42MX family devices from all the other wafer foundries.

Actel requires that all customers using the A42MX product families upgrade to the latest version of the software.

Actel policy specifies that the latest programming software must be utilized in order to preserve device warranty. In the event of programming issues or low programming yields, Return Material Authorizations and product returns may not be offered if the latest version of the programming software is not used.

Silicon Sculptor v5.8.0 software will be available for download soon at:

http://www.actel.com/download/program_debug/ss/default.aspx

The following is a list of affected devices.

Table 1: Affected Devices

A42MX09				
A42MX09-1PL84	A42MX09-1PQG100M	A42MX09-1VQG100I	A42MX09-2TQ176	A42MX09-3PQ160
A42MX09-1PL84I	A42MX09-1PQG160	A42MX09-1VQG100M	A42MX09-2TQ176I	A42MX09-3PQ160I
A42MX09-1PL84M	A42MX09-1PQG160I	A42MX09-2PL84	A42MX09-2TQG176	A42MX09-3PQG100
A42MX09-1PLG84	A42MX09-1PQG160M	A42MX09-2PL84I	A42MX09-2TQG176I	A42MX09-3PQG100I
A42MX09-1PLG84I	A42MX09-1TQ176	A42MX09-2PLG84	A42MX09-2VQ100	A42MX09-3PQG160
A42MX09-1PLG84M	A42MX09-1TQ176I	A42MX09-2PLG84I	A42MX09-2VQ100I	A42MX09-3PQG160I
A42MX09-1PQ100	A42MX09-1TQ176M	A42MX09-2PQ100	A42MX09-2VQG100	A42MX09-3TQ176
A42MX09-1PQ100I	A42MX09-1TQG176	A42MX09-2PQ100I	A42MX09-2VQG100I	A42MX09-3TQ176I
A42MX09-1PQ100M	A42MX09-1TQG176I	A42MX09-2PQ160	A42MX09-3PL84	A42MX09-3TQG176
A42MX09-1PQ160	A42MX09-1TQG176M	A42MX09-2PQ160I	A42MX09-3PL84I	A42MX09-3TQG176I
A42MX09-1PQ160I	A42MX09-1VQ100	A42MX09-2PQG100	A42MX09-3PLG84	A42MX09-3VQ100
A42MX09-1PQ160M	A42MX09-1VQ100I	A42MX09-2PQG100I	A42MX09-3PLG84I	A42MX09-3VQ100I
A42MX09-1PQG100	A42MX09-1VQ100M	A42MX09-2PQG160	A42MX09-3PQ100	A42MX09-3VQG100



Table 1: Affected Devices

A42MX09-1PQG100I	A42MX09-1VQG100	A42MX09-2PQG160I	A42MX09-3PQ100I	A42MX09-3VQG100I
A42MX09-FPL84	A42MX09-PL84	A42MX09-PQ100I	A42MX09-PQG160	A42MX09-TQG176I
A42MX09-FPLG84	A42MX09-PL84A	A42MX09-PQ100M	A42MX09-PQG160A	A42MX09-TQG176M
A42MX09-FPQ100	A42MX09-PL84I	A42MX09-PQ160	A42MX09-PQG160I	A42MX09-VQ100
A42MX09-FPQ160	A42MX09-PL84M	A42MX09-PQ160A	A42MX09-PQG160M	A42MX09-VQ100A
A42MX09-FPQG100	A42MX09-PLG84	A42MX09-PQ160I	A42MX09-TQ176	A42MX09-VQ100I
A42MX09-FPQG160	A42MX09-PLG84A	A42MX09-PQ160M	A42MX09-TQ176A	A42MX09-VQ100M
A42MX09-FTQ176	A42MX09-PLG84I	A42MX09-PQG100	A42MX09-TQ176I	A42MX09-VQG100
A42MX09-FTQG176	A42MX09-PLG84M	A42MX09-PQG100A	A42MX09-TQ176M	A42MX09-VQG100A
A42MX09-FVQ100	A42MX09-PQ100	A42MX09-PQG100I	A42MX09-TQG176	A42MX09-VQG100I
A42MX09-FVQG100	A42MX09-PQ100A	A42MX09-PQG100M	A42MX09-TQG176A	A42MX09-VQG100M
A42MX16				
A42MX16-1PL84	A42MX16-1TQ176	A42MX16-2PQG160	A42MX16-3PQG160	A42MX16-PL84
A42MX16-1PL84I	A42MX16-1TQ176I	A42MX16-2PQG160I	A42MX16-3PQG160I	A42MX16-PL84A
A42MX16-1PL84M	A42MX16-1TQ176M	A42MX16-2PQG208	A42MX16-3PQG208	A42MX16-PL84I
A42MX16-1PLG84	A42MX16-1TQG176	A42MX16-2PQG208I	A42MX16-3PQG208I	A42MX16-PL84M
A42MX16-1PLG84I	A42MX16-1TQG176I	A42MX16-2TQ176	A42MX16-3TQ176	A42MX16-PLG84
A42MX16-1PLG84M	A42MX16-1TQG176M	A42MX16-2TQ176I	A42MX16-3TQ176I	A42MX16-PLG84A
A42MX16-1PQ100	A42MX16-1VQ100	A42MX16-2TQG176	A42MX16-3TQG176	A42MX16-PLG84I
A42MX16-1PQ100I	A42MX16-1VQ100I	A42MX16-2TQG176I	A42MX16-3TQG176I	A42MX16-PLG84M
A42MX16-1PQ100M	A42MX16-1VQ100M	A42MX16-2VQ100	A42MX16-3VQ100	A42MX16-PQ100
A42MX16-1PQ160	A42MX16-1VQG100	A42MX16-2VQ100I	A42MX16-3VQ100I	A42MX16-PQ100A
A42MX16-1PQ160I	A42MX16-1VQG100I	A42MX16-2VQG100	A42MX16-3VQG100	A42MX16-PQ100I
A42MX16-1PQ160M	A42MX16-1VQG100M	A42MX16-2VQG100I	A42MX16-3VQG100I	A42MX16-PQ100M
A42MX16-1PQ208	A42MX16-2PL84	A42MX16-3PL84	A42MX16-FPL84	A42MX16-PQ160
A42MX16-1PQ208I	A42MX16-2PL84I	A42MX16-3PL84I	A42MX16-FPLG84	A42MX16-PQ160A
A42MX16-1PQ208M	A42MX16-2PLG84	A42MX16-3PLG84	A42MX16-FPQ100	A42MX16-PQ160I
A42MX16-1PQG100	A42MX16-2PLG84I	A42MX16-3PLG84I	A42MX16-FPQ160	A42MX16-PQ160M
A42MX16-1PQG100I	A42MX16-2PQ100	A42MX16-3PQ100	A42MX16-FPQ208	A42MX16-PQ208
A42MX16-1PQG100M	A42MX16-2PQ100I	A42MX16-3PQ100I	A42MX16-FPQG100	A42MX16-PQ208A
A42MX16-1PQG160	A42MX16-2PQ160	A42MX16-3PQ160	A42MX16-FPQG160	A42MX16-PQ208I
A42MX16-1PQG160I	A42MX16-2PQ160I	A42MX16-3PQ160I	A42MX16-FPQG208	A42MX16-PQ208M
A42MX16-1PQG160M	A42MX16-2PQ208	A42MX16-3PQ208	A42MX16-FTQ176	A42MX16-PQG100
A42MX16-1PQG208	A42MX16-2PQ208I	A42MX16-3PQ208I	A42MX16-FTQG176	A42MX16-PQG100A
A42MX16-1PQG208I	A42MX16-2PQG100	A42MX16-3PQG100	A42MX16-FVQ100	A42MX16-PQG100I



Table 1: Affected Devices

A42MX16-1PQG208M	A42MX16-2PQG100I	A42MX16-3PQG100I	A42MX16-FVQG100	A42MX16-PQG100M
A42MX16-PQG160	A42MX16-PQG208A	A42MX16-TQ176I	A42MX16-TQG176M	A42MX16-VQG100
A42MX16-PQG160A	A42MX16-PQG208I	A42MX16-TQ176M	A42MX16-VQ100	A42MX16-VQG100A
A42MX16-PQG160I	A42MX16-PQG208M	A42MX16-TQG176	A42MX16-VQ100A	A42MX16-VQG100I
A42MX16-PQG160M	A42MX16-TQ176	A42MX16-TQG176A	A42MX16-VQ100I	A42MX16-VQG100M
A42MX16-PQG208	A42MX16-TQ176A	A42MX16-TQG176I	A42MX16-VQ100M	
A42MX24				
A42MX24-1PL84	A42MX24-1TQ176I	A42MX24-2TQG176	A42MX24-FPLG84	A42MX24-PQ208I
A42MX24-1PL84I	A42MX24-1TQ176M	A42MX24-2TQG176I	A42MX24-FPQ160	A42MX24-PQ208M
A42MX24-1PL84M	A42MX24-1TQG176	A42MX24-3PL84	A42MX24-FPQ208	A42MX24-PQG160
A42MX24-1PLG84	A42MX24-1TQG176I	A42MX24-3PL84I	A42MX24-FPQG160	A42MX24-PQG160A
A42MX24-1PLG84I	A42MX24-1TQG176M	A42MX24-3PLG84	A42MX24-FPQG208	A42MX24-PQG160I
A42MX24-1PLG84M	A42MX24-2PL84	A42MX24-3PLG84I	A42MX24-FTQ176	A42MX24-PQG160M
A42MX24-1PQ160	A42MX24-2PL84I	A42MX24-3PQ160	A42MX24-FTQG176	A42MX24-PQG208
A42MX24-1PQ160I	A42MX24-2PLG84	A42MX24-3PQ160I	A42MX24-PL84	A42MX24-PQG208A
A42MX24-1PQ160M	A42MX24-2PLG84I	A42MX24-3PQ208	A42MX24-PL84I	A42MX24-PQG208I
A42MX24-1PQ208	A42MX24-2PQ160	A42MX24-3PQ208I	A42MX24-PL84M	A42MX24-PQG208M
A42MX24-1PQ208I	A42MX24-2PQ160I	A42MX24-3PQG160	A42MX24-PLG84	A42MX24-TQ176
A42MX24-1PQ208M	A42MX24-2PQ208	A42MX24-3PQG160I	A42MX24-PLG84I	A42MX24-TQ176A
A42MX24-1PQG160	A42MX24-2PQ208I	A42MX24-3PQG208	A42MX24-PLG84M	A42MX24-TQ176I
A42MX24-1PQG160I	A42MX24-2PQG160	A42MX24-3PQG208I	A42MX24-PQ160	A42MX24-TQ176M
A42MX24-1PQG160M	A42MX24-2PQG160I	A42MX24-3TQ176	A42MX24-PQ160A	A42MX24-TQG176
A42MX24-1PQG208	A42MX24-2PQG208	A42MX24-3TQ176I	A42MX24-PQ160I	A42MX24-TQG176A
A42MX24-1PQG208I	A42MX24-2PQG208I	A42MX24-3TQG176	A42MX24-PQ160M	A42MX24-TQG176I
A42MX24-1PQG208M	A42MX24-2TQ176	A42MX24-3TQG176I	A42MX24-PQ208	A42MX24-TQG176M
A42MX24-1TQ176	A42MX24-2TQ176I	A42MX24-FPL84	A42MX24-PQ208A	

For questions, please contact the Actel Technical Support hotline at tech@actel.com.

Regards,

Actel