



## Microsemi Corporation

July 9, 2013

**Change Notification No:** CN1110B

**Change Level:** Major

**Reference:** CN1110A issued in May 16, 2012

**Subject:** Amended CN1110 - Microsemi Products with Copper Wirebond Material

Dear Microsemi Customer,

This notification is to advise our customers that Microsemi is qualifying the use of Palladium Coated Copper wire (PCC wire) in selected products.

Table 1 from CN 1110A, dated May 16, 2012, has been updated with a list of selected devices and scheduled shipments for after completion of qualifications. Please see PCN 1201C for details on the part numbers affected.

The summary of changes is also shown on the last page of this PCN.

Table 1 • **Intended Schedule of Shipment**

Device/Package	Assembly Location	Date
<b>Phase I:</b> A3P250 and smaller ProASIC3 devices in PQ208/PQG208	Amkor, Phil	April 9, 2012
<b>Phase II:</b> A3P250/AGL250 and smaller ProASIC3/IGLOO devices in FG256/FGG256 and FG144/FGG144	UDG, China	June 30, 2012
<b>Phase III:</b> ProASIC3/IGLOO devices in VQ100/VQG100	Amkor, Phil	August 3, 2012
<b>Phase IV:</b> ProASIC3/IGLOO devices in FG256/FGG256 and FG144/FGG144	UDG, China	August 15, 2012
<b>Phase V:</b> A3PN250/AGLN250 and smaller ProASIC3/IGLOO nano devices in VQ100/VQG100	Amkor, Phil	April 11, 2013
<b>Phase VI:</b> APA600 and smaller ProASICPLUS devices in FG256/FGG256/FG144/FGG144	UDG, China	April 15, 2013
<b>Phase VII:</b> AGL030/AGLN030 and smaller IGLOO/Nano devices in QNG68/QNG48	UDG, China	April 15, 2013
<b>Phase VIII:</b> A3P030/A3PN030 and smaller ProASIC3/Nano devices in QNG68/QNG48	UDG, China	October 1, 2013
<b>Phase IX:</b> ProASIC Plus devices in PQ208/PQG208	Amkor, Phil	January 1, 2014

Microsemi originally intended to start shipping additional products with copper wires, listed in Table 2. However, the plan has changed to postpone indefinitely the qualification of the following devices using Palladium Coated Copper (PCC) wire.



Table 2 • Postponed qualification of PCC wire for the following products.

Device/Package
ProASIC3/IGLOO devices in FG484/FGG484
SX-A devices in PQ208/PQG208
MX devices in PQ208/PQG208

Part numbers listed in Table 2 have been shipped with the copper wire since April 9, 2012. Part numbers listed in Tables 3 to 11, will be converted per the stated schedule. For a list of the other remaining part numbers that are planned for conversion, refer to amended [CN1110B](#).

Please refer to PCN1201C for future updates regarding the list of devices that are already qualified, and in the process of qualification.

Products built with copper wire have a different set of bills-of-material (BOM), which is more suitable for copper wire and will provide better quality and reliability. Please request details from Microsemi SoC Products Group on the BOM for the copper wire if you have questions.

There is no expected change to package moisture sensitivity level (MSL), product functionality, performance, quality, reliability, or the product datasheet.

Feel free to contact Microsemi SoC Products Group Technical Support if you require any further information: [soc\\_tech@microsemi.com](mailto:soc_tech@microsemi.com).

Regards,

Microsemi

Table 3 • Phase 1

A3P125-1PQ208	A3P250-1PQ208	A3P250L-PQ208	M1A3P250-2PQ208
A3P125-1PQ208I	A3P250-1PQ208I	A3P250L-PQ208I	M1A3P250-2PQ208I
A3P125-1PQG208	A3P250-1PQG208	A3P250L-PQG208	M1A3P250-2PQG208
A3P125-1PQG208I	A3P250-1PQG208I	A3P250L-PQG208I	M1A3P250-2PQG208I
A3P125-2PQ208	A3P250-2PQ208	A3P250-PQ208	M1A3P250-PQ208
A3P125-2PQ208I	A3P250-2PQ208I	A3P250-PQ208I	M1A3P250-PQ208I
A3P125-2PQG208	A3P250-2PQG208	A3P250-PQG208	M1A3P250-PQG208
A3P125-2PQG208I	A3P250-2PQG208I	A3P250-PQG208I	M1A3P250-PQG208I
A3P125-PQ208	A3P250L-PQ208	M1A3P250-1PQ208	
A3P125-PQ208I	A3P250L-1PQ208I	M1A3P250-1PQ208I	
A3P125-PQG208	A3P250L-1PQG208	M1A3P250-1PQG208	
A3P125-PQG208I	A3P250L-1PQG208I	M1A3P250-1PQG208I	

Table 4 • Phase II

A3P060-1FG144	A3P250-1FG256	A3P250L-1FGG256	M1A3P250-2FG144I
A3P060-1FG144I	A3P250-1FG256I	A3P250L-1FGG256I	M1A3P250-2FGG144
A3P060-1FG144T	A3P250-1FG256T	A3P250L-FG144	M1A3P250-2FGG144I
A3P060-1FGG144	A3P250-1FGG144	A3P250L-FG144I	M1A3P250-FG144
A3P060-1FGG144I	A3P250-1FGG144I	A3P250L-FG256	M1A3P250-FG144I
A3P060-1FGG144T	A3P250-1FGG144T	A3P250L-FG256I	M1A3P250-FGG144
A3P060-2FG144	A3P250-1FGG256	A3P250L-FGG144	M1A3P250-FGG144I
A3P060-2FG144I	A3P250-1FGG256I	A3P250L-FGG144I	M1AGL250V2-FG144
A3P060-2FGG144	A3P250-1FGG256T	A3P250L-FGG256	M1AGL250V2-FG144I
A3P060-2FGG144I	A3P250-2FG144	A3P250L-FGG256I	M1AGL250V2-FGG144
A3P060-FG144	A3P250-2FG144I	AGL125V2-FG144	M1AGL250V2-FGG144I
A3P060-FG144I	A3P250-2FG256	AGL125V2-FG144I	M1AGL250V5-FG144
A3P060-FG144T	A3P250-2FG256I	AGL125V2-FG144T	M1AGL250V5-FG144I
A3P060-FGG144	A3P250-2FGG144	AGL125V2-FGG144	M1AGL250V5-FGG144
A3P060-FGG144I	A3P250-2FGG144I	AGL125V2-FGG144I	M1AGL250V5-FGG144I
A3P060-FGG144T	A3P250-2FGG256	AGL125V2-FGG144T	
A3P125-1FG144	A3P250-2FGG256I	AGL125V5-FG144	
A3P125-1FG144I	A3P250-FG144	AGL125V5-FG144I	
A3P125-1FG144T	A3P250-FG144I	AGL125V5-FGG144	
A3P125-1FGG144	A3P250-FG144T	AGL125V5-FGG144I	
A3P125-1FGG144I	A3P250-FG256	AGL250V2-FG144	
A3P125-1FGG144T	A3P250-FG256I	AGL250V2-FG144I	
A3P125-2FG144	A3P250-FG256T	AGL250V2-FG144T	
A3P125-2FG144I	A3P250-FGG144	AGL250V2-FGG144	
A3P125-2FGG144	A3P250-FGG144I	AGL250V2-FGG144I	
A3P125-2FGG144I	A3P250-FGG144T	AGL250V2-FGG144T	
A3P125-FG144	A3P250-FGG256	AGL250V5-FG144	
A3P125-FG144I	A3P250-FGG256I	AGL250V5-FG144I	
A3P125-FG144T	A3P250-FGG256T	AGL250V5-FGG144	
A3P125-FGG144	A3P250L-1FG144	AGL250V5-FGG144I	
A3P125-FGG144I	A3P250L-1FG144I	M1A3P250-1FG144	
A3P125-FGG144T	A3P250L-1FG256	M1A3P250-1FG144I	
A3P250-1FG144	A3P250L-1FG256I	M1A3P250-1FGG144	
A3P250-1FG144I	A3P250L-1FGG144	M1A3P250-1FGG144I	
A3P250-1FG144T	A3P250L-1FGG144I	M1A3P250-2FG144	

**Table 5 • Phase III**

A3P030-1VQ100	A3P250-1VQG100T	A3PN125-ZVQ100	AGL250V5-VQG100I
A3P030-1VQ100I	A3P250-2VQ100	A3PN125-ZVQ100I	AGLN030V2-ZVQ100
A3P030-1VQG100	A3P250-2VQ100I	A3PN125-ZVQG100	AGLN030V2-ZVQ100I
A3P030-1VQG100I	A3P250-2VQG100	A3PN125-ZVQG100I	AGLN030V2-ZVQG100
A3P030-2VQ100	A3P250-2VQG100I	A3PN250-Z1VQ100	AGLN030V2-ZVQG100I
A3P030-2VQ100I	A3P250L-1VQ100	A3PN250-Z1VQ100I	AGLN030V5-ZVQ100
A3P030-2VQG100	A3P250L-1VQ100I	A3PN250-Z1VQG100	AGLN030V5-ZVQ100I
A3P030-2VQG100I	A3P250L-1VQG100	A3PN250-Z1VQG100I	AGLN030V5-ZVQG100
A3P030-VQ100	A3P250L-1VQG100I	A3PN250-Z2VQ100	AGLN030V5-ZVQG100I
A3P030-VQ100I	A3P250L-VQ100	A3PN250-Z2VQ100I	AGLN060V2-ZVQ100
A3P030-VQG100	A3P250L-VQ100I	A3PN250-Z2VQG100	AGLN060V2-ZVQ100I
A3P030-VQG100I	A3P250L-VQG100	A3PN250-Z2VQG100I	AGLN060V2-ZVQG100
A3P060-1VQ100	A3P250L-VQG100I	A3PN250-ZVQ100	AGLN060V2-ZVQG100I
A3P060-1VQ100I	A3P250-VQ100	A3PN250-ZVQ100I	AGLN060V5-ZVQ100
A3P060-1VQ100T	A3P250-VQ100I	A3PN250-ZVQG100	AGLN060V5-ZVQ100I
A3P060-1VQG100	A3P250-VQ100M	A3PN250-ZVQG100I	AGLN060V5-ZVQG100
A3P060-1VQG100I	A3P250-VQ100T	AGL030V2-VQ100	AGLN060V5-ZVQG100I
A3P060-1VQG100T	A3P250-VQG100	AGL030V2-VQ100I	AGLN125V2-ZVQ100
A3P060-2VQ100	A3P250-VQG100I	AGL030V2-VQ100T	AGLN125V2-ZVQ100I
A3P060-2VQ100I	A3P250-VQG100M	AGL030V2-VQG100	AGLN125V2-ZVQG100
A3P060-2VQG100	A3P250-VQG100T	AGL030V2-VQG100I	AGLN125V2-ZVQG100I
A3P060-2VQG100I	A3PN030-Z1VQ100	AGL030V2-VQG100T	AGLN125V5-ZVQ100
A3P060-VQ100	A3PN030-Z1VQ100I	AGL030V5-VQ100	AGLN125V5-ZVQ100I
A3P060-VQ100I	A3PN030-Z1VQG100	AGL030V5-VQ100I	AGLN125V5-ZVQG100
A3P060-VQ100T	A3PN030-Z1VQG100I	AGL030V5-VQG100	AGLN125V5-ZVQG100I
A3P060-VQG100	A3PN030-Z2VQ100	AGL030V5-VQG100I	AGLN250V2-ZVQ100
A3P060-VQG100I	A3PN030-Z2VQ100I	AGL060V2-VQ100	AGLN250V2-ZVQ100I
A3P060-VQG100T	A3PN030-Z2VQG100	AGL060V2-VQ100I	AGLN250V2-ZVQG100
A3P125-1VQ100	A3PN030-Z2VQG100I	AGL060V2-VQG100	AGLN250V2-ZVQG100I
A3P125-1VQ100I	A3PN030-ZVQ100	AGL060V2-VQG100I	AGLN250V5-ZVQ100
A3P125-1VQ100T	A3PN030-ZVQ100I	AGL060V5-VQ100	AGLN250V5-ZVQ100I
A3P125-1VQG100	A3PN030-ZVQG100	AGL060V5-VQ100I	AGLN250V5-ZVQG100
A3P125-1VQG100I	A3PN030-ZVQG100I	AGL060V5-VQG100	AGLN250V5-ZVQG100I
A3P125-1VQG100T	A3PN060-Z1VQ100	AGL060V5-VQG100I	M1A3P250-1VQ100
A3P125-2VQ100	A3PN060-Z1VQ100I	AGL125V2-VQ100	M1A3P250-1VQ100I

A3P030-1VQ100	A3P250-1VQG100T	A3PN125-ZVQ100	AGL250V5-VQG100I
A3P030-1VQ100I	A3P250-2VQ100	A3PN125-ZVQ100I	AGLN030V2-ZVQ100
A3P030-1VQG100	A3P250-2VQ100I	A3PN125-ZVQG100	AGLN030V2-ZVQ100I
A3P030-1VQG100I	A3P250-2VQG100	A3PN125-ZVQG100I	AGLN030V2-ZVQG100
A3P030-2VQ100	A3P250-2VQG100I	A3PN250-Z1VQ100	AGLN030V2-ZVQG100I
A3P030-2VQ100I	A3P250L-1VQ100	A3PN250-Z1VQ100I	AGLN030V5-ZVQ100
A3P030-2VQG100	A3P250L-1VQ100I	A3PN250-Z1VQG100	AGLN030V5-ZVQ100I
A3P030-2VQG100I	A3P250L-1VQG100	A3PN250-Z1VQG100I	AGLN030V5-ZVQG100
A3P030-VQ100	A3P250L-1VQG100I	A3PN250-Z2VQ100	AGLN030V5-ZVQG100I
A3P030-VQ100I	A3P250L-VQ100	A3PN250-Z2VQ100I	AGLN060V2-ZVQ100
A3P030-VQG100	A3P250L-VQ100I	A3PN250-Z2VQG100	AGLN060V2-ZVQ100I
A3P030-VQG100I	A3P250L-VQG100	A3PN250-Z2VQG100I	AGLN060V2-ZVQG100
A3P060-1VQ100	A3P250L-VQG100I	A3PN250-ZVQ100	AGLN060V2-ZVQG100I
A3P060-1VQ100I	A3P250-VQ100	A3PN250-ZVQ100I	AGLN060V5-ZVQ100
A3P060-1VQ100T	A3P250-VQ100I	A3PN250-ZVQG100	AGLN060V5-ZVQ100I
A3P060-1VQG100	A3P250-VQ100M	A3PN250-ZVQG100I	AGLN060V5-ZVQG100
A3P060-1VQG100I	A3P250-VQ100T	AGL030V2-VQ100	AGLN060V5-ZVQG100I
A3P060-1VQG100T	A3P250-VQG100	AGL030V2-VQ100I	AGLN125V2-ZVQ100
A3P060-2VQ100	A3P250-VQG100I	AGL030V2-VQ100T	AGLN125V2-ZVQ100I
A3P060-2VQ100I	A3P250-VQG100M	AGL030V2-VQG100	AGLN125V2-ZVQG100
A3P060-2VQG100	A3P250-VQG100T	AGL030V2-VQG100I	AGLN125V2-ZVQG100I
A3P060-2VQG100I	A3PN030-Z1VQ100	AGL030V2-VQG100T	AGLN125V5-ZVQ100
A3P060-VQ100	A3PN030-Z1VQ100I	AGL030V5-VQ100	AGLN125V5-ZVQ100I
A3P060-VQ100I	A3PN030-Z1VQG100	AGL030V5-VQ100I	AGLN125V5-ZVQG100
A3P060-VQ100T	A3PN030-Z1VQG100I	AGL030V5-VQG100	AGLN125V5-ZVQG100I
A3P060-VQG100	A3PN030-Z2VQ100	AGL030V5-VQG100I	AGLN250V2-ZVQ100
A3P060-VQG100I	A3PN030-Z2VQ100I	AGL060V2-VQ100	AGLN250V2-ZVQ100I
A3P060-VQG100T	A3PN030-Z2VQG100	AGL060V2-VQ100I	AGLN250V2-ZVQG100
A3P125-2VQ100I	A3PN060-Z1VQG100	AGL125V2-VQ100I	M1A3P250-1VQG100
A3P125-2VQG100	A3PN060-Z1VQG100I	AGL125V2-VQ100T	M1A3P250-1VQG100I
A3P125-2VQG100I	A3PN060-Z2VQ100	AGL125V2-VQG100	M1A3P250-2VQ100
A3P125-VQ100	A3PN060-Z2VQ100I	AGL125V2-VQG100I	M1A3P250-2VQ100I
A3P125-VQ100I	A3PN060-Z2VQG100	AGL125V2-VQG100T	M1A3P250-2VQG100
A3P125-VQ100T	A3PN060-Z2VQG100I	AGL125V5-VQ100	M1A3P250-2VQG100I
A3P125-VQG100	A3PN060-ZVQ100	AGL125V5-VQ100I	M1A3P250-VQ100
A3P125-VQG100I	A3PN060-ZVQ100I	AGL125V5-VQG100	M1A3P250-VQ100I

A3P030-1VQ100	A3P250-1VQG100T	A3PN125-ZVQ100	AGL250V5-VQG100I
A3P030-1VQ100I	A3P250-2VQ100	A3PN125-ZVQ100I	AGLN030V2-ZVQ100
A3P030-1VQG100	A3P250-2VQ100I	A3PN125-ZVQG100	AGLN030V2-ZVQ100I
A3P030-1VQG100I	A3P250-2VQG100	A3PN125-ZVQG100I	AGLN030V2-ZVQG100
A3P030-2VQ100	A3P250-2VQG100I	A3PN250-Z1VQ100	AGLN030V2-ZVQG100I
A3P030-2VQ100I	A3P250L-1VQ100	A3PN250-Z1VQ100I	AGLN030V5-ZVQ100
A3P030-2VQG100	A3P250L-1VQ100I	A3PN250-Z1VQG100	AGLN030V5-ZVQ100I
A3P030-2VQG100I	A3P250L-1VQG100	A3PN250-Z1VQG100I	AGLN030V5-ZVQG100
A3P030-VQ100	A3P250L-1VQG100I	A3PN250-Z2VQ100	AGLN030V5-ZVQG100I
A3P030-VQ100I	A3P250L-VQ100	A3PN250-Z2VQ100I	AGLN060V2-ZVQ100
A3P030-VQG100	A3P250L-VQ100I	A3PN250-Z2VQG100	AGLN060V2-ZVQ100I
A3P030-VQG100I	A3P250L-VQG100	A3PN250-Z2VQG100I	AGLN060V2-ZVQG100
A3P060-1VQ100	A3P250L-VQG100I	A3PN250-ZVQ100	AGLN060V2-ZVQG100I
A3P060-1VQ100I	A3P250-VQ100	A3PN250-ZVQ100I	AGLN060V5-ZVQ100
A3P060-1VQ100T	A3P250-VQ100I	A3PN250-ZVQG100	AGLN060V5-ZVQ100I
A3P060-1VQG100	A3P250-VQ100M	A3PN250-ZVQG100I	AGLN060V5-ZVQG100
A3P060-1VQG100I	A3P250-VQ100T	AGL030V2-VQ100	AGLN060V5-ZVQG100I
A3P060-1VQG100T	A3P250-VQG100	AGL030V2-VQ100I	AGLN125V2-ZVQ100
A3P060-2VQ100	A3P250-VQG100I	AGL030V2-VQ100T	AGLN125V2-ZVQ100I
A3P060-2VQ100I	A3P250-VQG100M	AGL030V2-VQG100	AGLN125V2-ZVQG100
A3P060-2VQG100	A3P250-VQG100T	AGL030V2-VQG100I	AGLN125V2-ZVQG100I
A3P060-2VQG100I	A3PN030-Z1VQ100	AGL030V2-VQG100T	AGLN125V5-ZVQ100
A3P060-VQ100	A3PN030-Z1VQ100I	AGL030V5-VQ100	AGLN125V5-ZVQ100I
A3P060-VQ100I	A3PN030-Z1VQG100	AGL030V5-VQ100I	AGLN125V5-ZVQG100
A3P060-VQ100T	A3PN030-Z1VQG100I	AGL030V5-VQG100	AGLN125V5-ZVQG100I
A3P060-VQG100	A3PN030-Z2VQ100	AGL030V5-VQG100I	AGLN250V2-ZVQ100
A3P060-VQG100I	A3PN030-Z2VQ100I	AGL060V2-VQ100	AGLN250V2-ZVQ100I
A3P060-VQG100T	A3PN030-Z2VQG100	AGL060V2-VQ100I	AGLN250V2-ZVQG100
A3P125-VQG100T	A3PN060-ZVQG100	AGL125V5-VQG100I	M1A3P250-VQG100
A3P250-1VQ100	A3PN060-ZVQG100I	AGL250V2-VQ100	M1A3P250-VQG100I
A3P250-1VQ100I	A3PN125-Z1VQ100	AGL250V2-VQ100I	M1AGL250V2-VQ100
A3P250-1VQ100M	A3PN125-Z1VQ100I	AGL250V2-VQ100T	M1AGL250V2-VQ100I
A3P250-1VQ100T	A3PN125-Z1VQG100	AGL250V2-VQG100	M1AGL250V2-VQG100
A3P250-1VQG100	A3PN125-Z1VQG100I	AGL250V2-VQG100I	M1AGL250V2-VQG100I
A3P250-1VQG100I	A3PN125-Z2VQ100	AGL250V2-VQG100T	M1AGL250V5-VQ100
A3P250-1VQG100M	A3PN125-Z2VQ100I	AGL250V5-VQ100	M1AGL250V5-VQ100I

A3P030-1VQ100	A3P250-1VQG100T	A3PN125-ZVQ100	AGL250V5-VQG100I
A3P030-1VQ100I	A3P250-2VQ100	A3PN125-ZVQ100I	AGLN030V2-ZVQ100
A3P030-1VQG100	A3P250-2VQ100I	A3PN125-ZVQG100	AGLN030V2-ZVQ100I
A3P030-1VQG100I	A3P250-2VQG100	A3PN125-ZVQG100I	AGLN030V2-ZVQG100
A3P030-2VQ100	A3P250-2VQG100I	A3PN250-Z1VQ100	AGLN030V2-ZVQG100I
A3P030-2VQ100I	A3P250L-1VQ100	A3PN250-Z1VQ100I	AGLN030V5-ZVQ100
A3P030-2VQG100	A3P250L-1VQ100I	A3PN250-Z1VQG100	AGLN030V5-ZVQ100I
A3P030-2VQG100I	A3P250L-1VQG100	A3PN250-Z1VQG100I	AGLN030V5-ZVQG100
A3P030-VQ100	A3P250L-1VQG100I	A3PN250-Z2VQ100	AGLN030V5-ZVQG100I
A3P030-VQ100I	A3P250L-VQ100	A3PN250-Z2VQ100I	AGLN060V2-ZVQ100
A3P030-VQG100	A3P250L-VQ100I	A3PN250-Z2VQG100	AGLN060V2-ZVQ100I
A3P030-VQG100I	A3P250L-VQG100	A3PN250-Z2VQG100I	AGLN060V2-ZVQG100
A3P060-1VQ100	A3P250L-VQG100I	A3PN250-ZVQ100	AGLN060V2-ZVQG100I
A3P060-1VQ100I	A3P250-VQ100	A3PN250-ZVQ100I	AGLN060V5-ZVQ100
A3P060-1VQ100T	A3P250-VQ100I	A3PN250-ZVQG100	AGLN060V5-ZVQ100I
A3P060-1VQG100	A3P250-VQ100M	A3PN250-ZVQG100I	AGLN060V5-ZVQG100
A3P060-1VQG100I	A3P250-VQ100T	AGL030V2-VQ100	AGLN060V5-ZVQG100I
A3P060-1VQG100T	A3P250-VQG100	AGL030V2-VQ100I	AGLN125V2-ZVQ100
A3P060-2VQ100	A3P250-VQG100I	AGL030V2-VQ100T	AGLN125V2-ZVQ100I
A3P060-2VQ100I	A3P250-VQG100M	AGL030V2-VQG100	AGLN125V2-ZVQG100
A3P060-2VQG100	A3P250-VQG100T	AGL030V2-VQG100I	AGLN125V2-ZVQG100I
A3P060-2VQG100I	A3PN030-Z1VQ100	AGL030V2-VQG100T	AGLN125V5-ZVQ100
A3P060-VQ100	A3PN030-Z1VQ100I	AGL030V5-VQ100	AGLN125V5-ZVQ100I
A3P060-VQ100I	A3PN030-Z1VQG100	AGL030V5-VQ100I	AGLN125V5-ZVQG100
A3P060-VQ100T	A3PN030-Z1VQG100I	AGL030V5-VQG100	AGLN125V5-ZVQG100I
A3P060-VQG100	A3PN030-Z2VQ100	AGL030V5-VQG100I	AGLN250V2-ZVQ100
A3P060-VQG100I	A3PN030-Z2VQ100I	AGL060V2-VQ100	AGLN250V2-ZVQ100I
A3P060-VQG100T	A3PN030-Z2VQG100	AGL060V2-VQ100I	AGLN250V2-ZVQG100
M1AGL250V5-VQG100	M1AGL250V5-VQG100I		

**Table 6 • Phase IV**

A3P1000-1FG144	A3P600-2FGG256I	AGL600V2-FGG256I	M1A3P600-1FG256
A3P1000-1FG144I	A3P600-FG144	AGL600V2-FGG256T	M1A3P600-1FG256I
A3P1000-1FG144M	A3P600-FG144I	AGL600V5-FG144	M1A3P600-1FGG144
A3P1000-1FG144T	A3P600-FG256	AGL600V5-FG144I	M1A3P600-1FGG144I
A3P1000-1FG256	A3P600-FG256I	AGL600V5-FG256	M1A3P600-1FGG256
A3P1000-1FG256I	A3P600-FGG144	AGL600V5-FG256I	M1A3P600-1FGG256I
A3P1000-1FG256T	A3P600-FGG144I	AGL600V5-FGG144	M1A3P600-2FG144
A3P1000-1FGG144	A3P600-FGG256	AGL600V5-FGG144I	M1A3P600-2FG144I
A3P1000-1FGG144I	A3P600-FGG256I	AGL600V5-FGG256	M1A3P600-2FG256
A3P1000-1FGG144M	A3P600L-1FG144	AGL600V5-FGG256I	M1A3P600-2FG256I
A3P1000-1FGG144T	A3P600L-1FG144I	AGL600V2-FG256	M1A3P600-2FGG144
A3P1000-1FGG256	A3P600L-1FG256	AGL600V2-FG256I	M1A3P600-2FGG144I
A3P1000-1FGG256I	A3P600L-1FG256I	AGL600V2-FGG256	M1A3P600-2FGG256
A3P1000-1FGG256T	A3P600L-1FGG144	AGL600V2-FGG256I	M1A3P600-2FGG256I
A3P1000-2FG144	A3P600L-1FGG144I	AGL600V5-FG256	M1A3P600-FG144
A3P1000-2FG144I	A3P600L-1FGG256	AGL600V5-FG256I	M1A3P600-FG144I
A3P1000-2FG256	A3P600L-1FGG256I	AGL600V5-FGG256	M1A3P600-FG256
A3P1000-2FG256I	A3P600L-FG144	AGL600V5-FGG256I	M1A3P600-FG256I
A3P1000-2FGG144	A3P600L-FG144I	M1A3P1000-1FG144	M1A3P600-FGG144
A3P1000-2FGG144I	A3P600L-FG256	M1A3P1000-1FG144I	M1A3P600-FGG144I
A3P1000-2FGG256	A3P600L-FG256I	M1A3P1000-1FG144M	M1A3P600-FGG256
A3P1000-2FGG256I	A3P600L-FGG144	M1A3P1000-1FG256	M1A3P600-FGG256I
A3P1000-FG144	A3P600L-FGG144I	M1A3P1000-1FG256I	M1A3P600L-1FG144
A3P1000-FG144I	A3P600L-FGG256	M1A3P1000-1FGG144	M1A3P600L-1FG144I
A3P1000-FG144M	A3P600L-FGG256I	M1A3P1000-1FGG144I	M1A3P600L-1FG256
A3P1000-FG144T	A3PE600-1FG256	M1A3P1000-1FGG144M	M1A3P600L-1FG256I
A3P1000-FG256	A3PE600-1FG256I	M1A3P1000-1FGG256	M1A3P600L-1FGG144
A3P1000-FG256I	A3PE600-1FGG256	M1A3P1000-1FGG256I	M1A3P600L-1FGG144I
A3P1000-FG256T	A3PE600-1FGG256I	M1A3P1000-2FG144	M1A3P600L-1FGG256
A3P1000-FGG144	A3PE600-2FG256	M1A3P1000-2FG144I	M1A3P600L-1FGG256I
A3P1000-FGG144I	A3PE600-2FG256I	M1A3P1000-2FG256	M1A3P600L-FG144
A3P1000-FGG144M	A3PE600-2FGG256	M1A3P1000-2FG256I	M1A3P600L-FG144I
A3P1000-FGG144T	A3PE600-2FGG256I	M1A3P1000-2FGG144	M1A3P600L-FG256
A3P1000-FGG256	A3PE600-FG256	M1A3P1000-2FGG144I	M1A3P600L-FG256I
A3P1000-FGG256I	A3PE600-FG256I	M1A3P1000-2FGG256	M1A3P600L-FGG144



A3P1000-FGG256T	A3PE600-FGG256	M1A3P1000-2FGG256I	M1A3P600L-FGG144I
A3P1000L-1FG144	A3PE600-FGG256I	M1A3P1000-FG144	M1A3P600L-FGG256
A3P1000L-1FG144I	AGL1000V2-FG144	M1A3P1000-FG144I	M1A3P600L-FGG256I
A3P1000L-1FG256	AGL1000V2-FG144I	M1A3P1000-FG144M	M1AGL1000V2-FG144
A3P1000L-1FG256I	AGL1000V2-FG144T	M1A3P1000-FG256	M1AGL1000V2-FG144I
A3P1000L-1FGG144	AGL1000V2-FG256	M1A3P1000-FG256I	M1AGL1000V2-FG256
A3P1000L-1FGG144I	AGL1000V2-FG256I	M1A3P1000-FGG144	M1AGL1000V2-FG256I
A3P1000L-1FGG256	AGL1000V2-FG256T	M1A3P1000-FGG144I	M1AGL1000V2-FGG144
A3P1000L-1FGG256I	AGL1000V2-FGG144	M1A3P1000-FGG144M	M1AGL1000V2-FGG144I
A3P1000L-FG144	AGL1000V2-FGG144I	M1A3P1000-FGG256	M1AGL1000V2-FGG256
A3P1000L-FG144I	AGL1000V2-FGG144T	M1A3P1000-FGG256I	M1AGL1000V2-FGG256I
A3P1000L-FG256	AGL1000V2-FGG256	M1A3P1000L-1FG144	M1AGL1000V5-FG144
A3P1000L-FG256I	AGL1000V2-FGG256I	M1A3P1000L-1FG144I	M1AGL1000V5-FG144I
A3P1000L-FGG144	AGL1000V2-FGG256T	M1A3P1000L-1FG256	M1AGL1000V5-FG256
A3P1000L-FGG144I	AGL1000V5-FG144	M1A3P1000L-1FG256I	M1AGL1000V5-FG256I
A3P1000L-FGG256	AGL1000V5-FG144I	M1A3P1000L-1FGG144	M1AGL1000V5-FGG144
A3P1000L-FGG256I	AGL1000V5-FG256	M1A3P1000L-1FGG144I	M1AGL1000V5-FGG144I
A3P400-1FG144	AGL1000V5-FG256I	M1A3P1000L-1FGG256	M1AGL1000V5-FGG256
A3P400-1FG144I	AGL1000V5-FGG144	M1A3P1000L-1FGG256I	M1AGL1000V5-FGG256I
A3P400-1FG256	AGL1000V5-FGG144I	M1A3P1000L-FG144	M1AGL600V2-FG144
A3P400-1FG256I	AGL1000V5-FGG256	M1A3P1000L-FG144I	M1AGL600V2-FG144I
A3P400-1FGG144	AGL1000V5-FGG256I	M1A3P1000L-FG256	M1AGL600V2-FG256
A3P400-1FGG144I	AGL400V2-FG144	M1A3P1000L-FG256I	M1AGL600V2-FG256I
A3P400-1FGG256	AGL400V2-FG144I	M1A3P1000L-FGG144	M1AGL600V2-FGG144
A3P400-1FGG256I	AGL400V2-FG144T	M1A3P1000L-FGG144I	M1AGL600V2-FGG144I
A3P400-2FG144	AGL400V2-FG256	M1A3P1000L-FGG256	M1AGL600V2-FGG256
A3P400-2FG144I	AGL400V2-FG256I	M1A3P1000L-FGG256I	M1AGL600V2-FGG256I
A3P400-2FG256	AGL400V2-FG256T	M1A3P400-1FG144	M1AGL600V5-FG144
A3P400-2FG256I	AGL400V2-FGG144	M1A3P400-1FG144I	M1AGL600V5-FG144I
A3P400-2FGG144	AGL400V2-FGG144I	M1A3P400-1FG256	M1AGL600V5-FG256
A3P400-2FGG144I	AGL400V2-FGG144T	M1A3P400-1FG256I	M1AGL600V5-FG256I
A3P400-2FGG256	AGL400V2-FGG256	M1A3P400-1FGG144	M1AGL600V5-FGG144
A3P400-2FGG256I	AGL400V2-FGG256I	M1A3P400-1FGG144I	M1AGL600V5-FGG144I
A3P400-FG144	AGL400V2-FGG256T	M1A3P400-1FGG256	M1AGL600V5-FGG256
A3P400-FG144I	AGL400V5-FG144	M1A3P400-1FGG256I	M1AGL600V5-FGG256I
A3P400-FG256	AGL400V5-FG144I	M1A3P400-2FG144	M7A3P1000-1FG144

A3P400-FG256I	AGL400V5-FG256	M1A3P400-2FG144I	M7A3P1000-1FG144I
A3P400-FGG144	AGL400V5-FG256I	M1A3P400-2FG256	M7A3P1000-1FG256
A3P400-FGG144I	AGL400V5-FGG144	M1A3P400-2FG256I	M7A3P1000-1FG256I
A3P400-FGG256	AGL400V5-FGG144I	M1A3P400-2FGG144	M7A3P1000-1FGG144
A3P400-FGG256I	AGL400V5-FGG256	M1A3P400-2FGG144I	M7A3P1000-1FGG144I
A3P600-1FG144	AGL400V5-FGG256I	M1A3P400-2FGG256	M7A3P1000-1FGG256
A3P600-1FG144I	AGL600V2-FG144	M1A3P400-2FGG256I	M7A3P1000-1FGG256I
A3P600-1FG256	AGL600V2-FG144I	M1A3P400-FG144	M7A3P1000-2FG144
A3P600-1FG256I	AGL600V2-FG144T	M1A3P400-FG144I	M7A3P1000-2FG144I
A3P600-1FGG144	AGL600V2-FG256	M1A3P400-FG256	M7A3P1000-2FG256
A3P600-1FGG144I	AGL600V2-FG256I	M1A3P400-FG256I	M7A3P1000-2FG256I
A3P600-1FGG256	AGL600V2-FG256T	M1A3P400-FGG144	M7A3P1000-2FGG144
A3P600-1FGG256I	AGL600V2-FGG144	M1A3P400-FGG144I	M7A3P1000-2FGG144I
A3P600-2FG144	AGL600V2-FGG144I	M1A3P400-FGG256	M7A3P1000-2FGG256
A3P600-2FG144I	AGL600V2-FGG144T	M1A3P400-FGG256I	M7A3P1000-2FGG256I
A3P600-2FG256	AGL600V2-FGG256	M1A3P600-1FG144	M7A3P1000-FG144
A3P600-2FG256I	M7A3P1000-FGG256I	M1A3P600-1FG144I	M7A3P1000-FG144I
A3P600-2FGG144	A3P600-2FGG256I	M1A3P600-1FG256	M7A3P1000-FG256
A3P600-2FGG144I	A3P600-FG144	M7A3P1000-FGG144I	M7A3P1000-FGG256
A3P600-2FGG256	A3P600-FG144I	M7A3P1000-FGG144	M7A3P1000-FG256I

**Table 7 • Phase V**

A3PN060-1VQ100	A3PN125-2VQ100	A3PN250-VQ100	AGLN125V5-VQ100
A3PN060-1VQ100I	A3PN125-2VQ100I	A3PN250-VQ100I	AGLN125V5-VQ100I
A3PN060-1VQG100	A3PN125-2VQG100	A3PN250-VQG100	AGLN125V5-VQG100
A3PN060-1VQG100I	A3PN125-2VQG100I	A3PN250-VQG100I	AGLN125V5-VQG100I
A3PN060-2VQ100	A3PN125-VQ100	AGLN060V2-VQ100	AGLN250V2-VQ100
A3PN060-2VQ100I	A3PN125-VQ100I	AGLN060V2-VQ100I	AGLN250V2-VQ100I
A3PN060-2VQG100	A3PN125-VQG100	AGLN060V2-VQG100	AGLN250V2-VQG100
A3PN060-2VQG100I	A3PN125-VQG100I	AGLN060V2-VQG100I	AGLN250V2-VQG100I
A3PN060-VQ100	A3PN250-1VQ100	AGLN060V5-VQ100	AGLN250V5-VQ100
A3PN060-VQ100I	A3PN250-1VQ100I	AGLN060V5-VQ100I	AGLN250V5-VQ100I
A3PN060-VQG100	A3PN250-1VQG100	AGLN060V5-VQG100	AGLN250V5-VQG100
A3PN060-VQG100I	A3PN250-1VQG100I	AGLN060V5-VQG100I	AGLN250V5-VQG100I
A3PN125-1VQ100	A3PN250-2VQ100	AGLN125V2-VQ100	
A3PN125-1VQ100I	A3PN250-2VQ100I	AGLN125V2-VQ100I	
A3PN125-1VQG100	A3PN250-2VQG100	AGLN125V2-VQG100	
A3PN125-1VQG100I	A3PN250-2VQG100I	AGLN125V2-VQG100I	

**Table 8 • Phase VI**

APA075-FG144	APA150-FGG144	APA300-FGG144I	APA450-FGG256A
APA075-FG144A	APA150-FGG144A	APA300-FGG144M	APA450-FGG256I
APA075-FG144I	APA150-FGG144I	APA300-FGG256	APA600-FG256
APA075-FGG144	APA150-FGG256	APA300-FGG256A	APA600-FG256A
APA075-FGG144A	APA150-FGG256A	APA300-FGG256I	APA600-FG256I
APA075-FGG144I	APA150-FGG256I	APA300-FGG256M	APA600-FG256M
APA075-TQ144	APA300-FG144	APA450-FG144	APA600-FGG256
APA075-TQ144I	APA300-FG144A	APA450-FG144A	APA600-FGG256A
APA075-TQG144	APA300-FG144I	APA450-FG144I	APA600-FGG256I
APA075-TQG144I	APA300-FG144M	APA450-FG256	APA600-FGG256M
APA150-FG144	APA300-FG256	APA450-FG256A	
APA150-FG144A	APA300-FG256A	APA450-FG256I	
APA150-FG144I	APA300-FG256I	APA450-FGG144	
APA150-FG256	APA300-FG256M	APA450-FGG144A	
APA150-FG256A	APA300-FGG144	APA450-FGG144I	
APA150-FG256I	APA300-FGG144A	APA450-FGG256	

**Table 9 • Phase VII**

AGL015V2-QNG68	AGL030V5-QNG48	AGLN015V2-QNG68	AGLN030V2-ZQNG48
AGL015V2-QNG68I	AGL030V5-QNG48I	AGLN015V2-QNG68I	AGLN030V2-ZQNG48I
AGL015V5-QNG68	AGL030V5-QNG68	AGLN015V5-QNG68	AGLN030V2-ZQNG68
AGL015V5-QNG68I	AGL030V5-QNG68I	AGLN015V5-QNG68I	AGLN030V2-ZQNG68I
AGL030V2-QNG48	AGLN010V2-QNG48	AGLN020V2-QNG68	AGLN030V5-ZQNG48
AGL030V2-QNG48I	AGLN010V2-QNG48I	AGLN020V2-QNG68I	AGLN030V5-ZQNG48I
AGL030V2-QNG68	AGLN010V5-QNG48	AGLN020V5-QNG68	AGLN030V5-ZQNG68
AGL030V2-QNG68I	AGLN010V5-QNG48I	AGLN020V5-QNG68I	AGLN030V5-ZQNG68I

**Table 10 • Phase VIII**

A3P015-1QNG68	A3P030-2QNG68I	A3PN015-2QNG68	A3PN030-Z1QNG68I
A3P015-1QNG68I	A3P030-QNG48	A3PN015-2QNG68I	A3PN030-Z2QNG48
A3P015-2QNG68	A3P030-QNG48I	A3PN015-QNG68	A3PN030-Z2QNG48I
A3P015-2QNG68I	A3P030-QNG68	A3PN015-QNG68I	A3PN030-Z2QNG68
A3P015-QNG68	A3P030-QNG68I	A3PN020-1QNG68	A3PN030-Z2QNG68I
A3P015-QNG68I	A3PN010-1QNG48	A3PN020-1QNG68I	A3PN030-ZQNG48
A3P030-1QNG48	A3PN010-1QNG48I	A3PN020-2QNG68	A3PN030-ZQNG48I
A3P030-1QNG48I	A3PN010-2QNG48	A3PN020-2QNG68I	A3PN030-ZQNG68
A3P030-1QNG68	A3PN010-2QNG48I	A3PN020-QNG68	A3PN030-ZQNG68I
A3P030-1QNG68I	A3PN010-QNG48	A3PN020-QNG68I	
A3P030-2QNG48	A3PN010-QNG48I	A3PN030-Z1QNG48	
A3P030-2QNG48I	A3PN015-1QNG68	A3PN030-Z1QNG48I	
A3P030-2QNG68	A3PN015-1QNG68I	A3PN030-Z1QNG68	

Table 11 • Phase IX

APA075-PQ208	APA1000-PQG208M	APA300-PQG208I	APA600-PQG208A
APA075-PQ208A	APA150-PQ208	APA300-PQG208M	APA600-PQG208I
APA075-PQ208I	APA150-PQ208A	APA450-PQ208	APA600-PQG208M
APA075-PQG208	APA150-PQ208I	APA450-PQ208A	APA750-PQ208
APA075-PQG208A	APA150-PQG208	APA450-PQ208I	APA750-PQ208A
APA075-PQG208I	APA150-PQG208A	APA450-PQG208	APA750-PQ208I
APA1000-PQ208	APA150-PQG208I	APA450-PQG208A	APA750-PQG208
APA1000-PQ208A	APA300-PQ208	APA450-PQG208I	APA750-PQG208A
APA1000-PQ208I	APA300-PQ208A	APA600-PQ208	APA750-PQG208I
APA1000-PQ208M	APA300-PQ208I	APA600-PQ208A	
APA1000-PQG208	APA300-PQ208M	APA600-PQ208I	
APA1000-PQG208A	APA300-PQG208	APA600-PQ208M	
APA1000-PQG208I	APA300-PQG208A	APA600-PQG208	

### Summary of Changes:

- Moved from Table 2 to Table 1 the following devices:
  - APA600 and smaller ProASIC<sup>PLUS</sup> devices in FG256/FGG256/FG144/FGG144
  - AGL030/AGLN030 and smaller IGLOO/Nano devices in QNG68/QNG48
  - A3P030/A3PN030 and smaller ProASIC3/Nano devices in QNG68/QNG48
  - ProASIC Plus devices in PQ208/PQG208
- Removed from Table 1 the ProASIC3 devices larger than A3P250 in PQ208/PQG208. The qualification of this device has been postponed.
- In Table 2, indicated that the qualification for PCC wire has been postponed for the following devices:
  - ProASIC3/IGLOO devices in FG484/FGG484
  - SX-A devices in PQ208/PQG208
  - MX devices in PQ208/PQG208
- Updated Table 3 for the list of devices that has been added and removed from Tables 1 and 2.