

June 24, 2013

PCN Number: 1201C

PCN Change Level: Major

Subject: Amended PCN1201 – Product Conversion to Copper Wire (palladium coated copper wire)

Reference: PCN1201B, issued in January 22, 2013

Dear Microsemi Customer,

This notice is to inform you that Microsemi SoC Products Group has successfully completed qualification of the copper bond wire on selected products, per JEDEC standard, and shipments have begun per schedule, as listed in Table 1 on page 2. However, mixed shipments could continue until products built with the gold wire are depleted from the inventory.

Conversion to Palladium Coated Copper wire (PCC wire) is aligned with the current industry trend. Our assembly vendors have extensive experience in the copper bond wire assembly. The copper wire is used in high volume production by our assembly vendors and has demonstrated better electrical and mechanical property than the gold wire. Products built with the copper bond wire will have no change to package Moisture Sensitivity Level (MSL), Product Functionality, Performance, Quality, Reliability, or Product Datasheet.

Products built with the copper wire have a different set of BOM, which is more suitable for the copper wire and will provide better quality and reliability. However, products built with the gold wire will remain with the same BOM as before. Please request more details from Microsemi on the BOM for the copper wire if you have questions.

Table 1 • Intended Schedule of Shipment

Device/Package	Assembly Location	Date
Phase I: A3P250 and smaller ProASIC [®] 3 devices in PQ208/PQG208	Amkor, Phil	April 9, 2012
Phase II: A3P250/AGL250 and smaller ProASIC3/ IGLOO [®] devices in FG256/FGG256/FG144/FGG144	UDG, China	June 30, 2012
Phase III: ProASIC3/IGLOO devices in VQ100/VQG100	Amkor, Phil	August 3, 2012
Phase IV: ProASIC3/IGLOO devices in FG256/FGG256/FG144/FGG144	UDG, China	August 15, 2012
Phase V: A3PN250/AGLN250 and smaller ProASIC3/IGLOO nano devices in VQ100/VQG100	Amkor, Phil	April 11, 2013
Phase VI: APA600 and smaller ProASIC ^{PLUS} devices in FG256/FGG256/FG144/FGG144	UDG, China	April 15, 2013
Phase VII: AGL030/AGLN030 and smaller IGLOO/Nano devices in QNG68/QNG48	UDG, China	April 15, 2013
Phase VIII: A3P030/A3PN030 and smaller ProASIC3/Nano devices in QNG68/QNG48	UDG, China	September 23, 2013
Phase IX: ProASIC ^{PLUS} devices in PQ208/PQG208	Amkor, Phil	January 01, 2014

*Refer to part number list (Table 2 to Table 10) for details and applicable Qualification Reports.

Part numbers listed in Table 2 have been shipping with the copper wire since April 9, 2012. Part numbers listed in Tables 3 to 10, will be converted per the stated schedule. For a list of other remaining part numbers that are planned for conversion, refer to amended www.microsemi.com/document-portal/doc_download/130654-cn-1110-microsemi-products-with-copper-wirebond-material.

The summary of the amendments in this PCN are shown on the last page. For additional information, go to: http://www.microsemi.com/index.php?option=com_docman&Itemid=1898&gid=132099&lang=en&task=doc_download.

If you have any questions or need more information, please contact Microsemi's Technical Support department by emailing soc_tech@microsemi.com.

Regards,

Microsemi Corporation

Technical support:

Web: www.microsemi.com/soc/mycases

Phone (NA): 800.262.1060

Phone (Int'l): +1 650.318.4460

Email: soc_tech@microsemi.com

**Table 2 • Phase I – Affected Part Numbers, shipment began April 9, 2012
(Qualification Report PA-158)**

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

**Table 3 • Phase II – Affected Part Numbers, shipment began June 30, 2012
(Qualification Report PA-159)**

A3P250-FG256	A3P250-FGG256I	A3P250L-1FG256
A3P250-FGG256	A3P250-1FG256I	A3P250L-1FGG256
A3P250-1FG256	A3P250-1FGG256I	A3P250L-FG256I
A3P250-1FGG256	A3P250-2FG256I	A3P250L-FGG256I
A3P250-2FG256	A3P250-2FGG256I	A3P250L-1FG256I
A3P250-2FGG256	A3P250L-FG256	A3P250L-1FGG256I
A3P250-FG256I	A3P250L-FGG256	
A3P060-FG144	A3P250-1FGG144	M1A3P250-2FG144I
A3P060-FGG144	A3P250-2FG144	M1A3P250-2FGG144I
A3P060-1FG144	A3P250-2FGG144	M1AGL250V2-FG144
A3P060-1FGG144	A3P250-FG144I	M1AGL250V2-FGG144
A3P060-2FG144	A3P250-FGG144I	M1AGL250V2-FG144I
A3P060-2FGG144	A3P250-1FG144I	M1AGL250V2-FGG144I
A3P060-FG144I	A3P250-1FGG144I	M1AGL250V5-FG144
A3P060-FGG144I	A3P250-2FG144I	M1AGL250V5-FGG144
A3P060-1FG144I	A3P250-2FGG144I	M1AGL250V5-FG144I
A3P060-1FGG144I	A3P250L-FG144	M1AGL250V5-FGG144I
A3P060-2FG144I	A3P250L-FGG144	AGL125V2-FG144
A3P060-2FGG144I	A3P250L-1FG144	AGL125V2-FGG144
A3P125-FG144	A3P250L-1FGG144	AGL125V2-FG144I
A3P125-FGG144	A3P250L-FG144I	AGL125V2-FGG144I

**Table 3 • Phase II – Affected Part Numbers, shipment began June 30, 2012
(Qualification Report PA-159)**

A3P125-1FG144	A3P250L-FGG144I	AGL125V5-FG144
A3P125-1FGG144	A3P250L-1FG144I	AGL125V5-FGG144
A3P125-2FG144	A3P250L-1FGG144I	AGL125V5-FG144I
A3P125-2FGG144	M1A3P250-FG144	AGL125V5-FGG144I
A3P125-FG144I	M1A3P250-FGG144	AGL250V2-FG144
A3P125-FGG144I	M1A3P250-1FG144	AGL250V2-FGG144
A3P125-1FG144I	M1A3P250-1FGG144	AGL250V2-FG144I
A3P125-1FGG144I	M1A3P250-2FG144	AGL250V2-FGG144I
A3P125-2FG144I	M1A3P250-2FGG144	AGL250V5-FG144
A3P125-2FGG144I	M1A3P250-FG144I	AGL250V5-FGG144
A3P250-FG144	M1A3P250-FGG144I	AGL250V5-FG144I
A3P250-FGG144	M1A3P250-1FG144I	AGL250V5-FGG144I
A3P250-1FG144	M1A3P250-1FGG144I	

**Table 4 • Phase III – Affected Part Numbers, shipment began August 3, 2012
(Qualification Report PA-160)**

A3P060-VQ100	A3P250-1VQG100	AGL125V2-VQ100I
A3P060-VQG100	A3P250-2VQ100	AGL125V2-VQG100I
A3P060-1VQ100	A3P250-2VQG100	AGLN125V2-ZVQ100
A3P060-1VQG100	A3P250-VQ100I	AGLN125V2-ZVQG100
A3P060-2VQ100	A3P250-VQG100I	AGLN125V2-ZVQ100I
A3P060-2VQG100	A3P250-1VQ100I	AGLN125V2-ZVQG100I
A3P060-VQ100I	A3P250-1VQG100I	AGL125V5-VQ100
A3P060-VQG100I	A3P250-2VQ100I	AGL125V5-VQG100
A3P060-1VQ100I	A3P250-2VQG100I	AGL125V5-VQ100I
A3P060-1VQG100I	A3P250-VQ100M	AGL125V5-VQG100I
A3P060-2VQ100I	A3P250-VQG100M	AGLN125V5-ZVQ100
A3P060-2VQG100I	A3P250-1VQ100M	AGLN125V5-ZVQG100
A3PN060-ZVQ100	A3P250-1VQG100M	AGLN125V5-ZVQ100I
A3PN060-ZVQG100	A3PN250-ZVQ100	AGLN125V5-ZVQG100I
A3PN060-Z1VQ100	A3PN250-ZVQG100	AGL250V2-VQ100
A3PN060-Z1VQG100	A3PN250-Z1VQ100	AGL250V2-VQG100
A3PN060-Z2VQ100	A3PN250-Z1VQG100	AGL250V2-VQ100I
A3PN060-Z2VQG100	A3PN250-Z2VQ100	AGL250V2-VQG100I
A3PN060-ZVQ100I	A3PN250-Z2VQG100	AGLN250V2-ZVQ100
A3PN060-ZVQG100I	A3PN250-ZVQ100I	AGLN250V2-ZVQG100
A3PN060-Z1VQ100I	A3PN250-ZVQG100I	AGLN250V2-ZVQ100I
A3PN060-Z1VQG100I	A3PN250-Z1VQ100I	AGLN250V2-ZVQG100I
A3PN060-Z2VQ100I	A3PN250-Z1VQG100I	AGL250V5-VQ100

**Table 4 • Phase III – Affected Part Numbers, shipment began August 3, 2012
(Qualification Report PA-160)**

A3PN060-Z2VQG100I	A3PN250-Z2VQ100I	AGL250V5-VQG100
A3P125-VQ100	A3PN250-Z2VQG100I	AGL250V5-VQ100I
A3P125-VQG100	A3P250L-VQ100	AGL250V5-VQG100I
A3P125-1VQ100	A3P250L-VQG100	AGLN250V5-ZVQ100
A3P125-1VQG100	A3P250L-1VQ100	AGLN250V5-ZVQG100
A3P125-2VQ100	A3P250L-1VQG100	AGLN250V5-ZVQ100I
A3P125-2VQG100	A3P250L-VQ100I	AGLN250V5-ZVQG100I
A3P125-VQ100I	A3P250L-VQG100I	M1A3P250-VQ100
A3P125-VQG100I	A3P250L-1VQ100I	M1A3P250-VQG100
A3P125-1VQ100I	A3P250L-1VQG100I	M1A3P250-1VQ100
A3P125-1VQG100I	AGL060V2-VQ100	M1A3P250-1VQG100
A3P125-2VQ100I	AGL060V2-VQG100	M1A3P250-2VQ100
A3P125-2VQG100I	AGL060V2-VQ100I	M1A3P250-2VQG100
A3PN125-ZVQ100	AGL060V2-VQG100I	M1A3P250-VQ100I
A3PN125-ZVQG100	AGLN060V2-ZVQ100	M1A3P250-VQG100I
A3PN125-Z1VQ100	AGLN060V2-ZVQG100	M1A3P250-1VQ100I
A3PN125-Z1VQG100	AGLN060V2-ZVQ100I	M1A3P250-1VQG100I
A3PN125-Z2VQ100	AGLN060V2-ZVQG100I	M1A3P250-2VQ100I
A3PN125-Z2VQG100	AGL060V5-VQ100	M1A3P250-2VQG100I
A3PN125-ZVQ100I	AGL060V5-VQG100	M1AGL250V2-VQ100
A3PN125-ZVQG100I	AGL060V5-VQ100I	M1AGL250V2-VQG100
A3PN125-Z1VQ100I	AGL060V5-VQG100I	M1AGL250V2-VQ100I
A3PN125-Z1VQG100I	AGLN060V5-ZVQ100	M1AGL250V2-VQG100I
A3PN125-Z2VQ100I	AGLN060V5-ZVQG100	M1AGL250V5-VQ100
A3PN125-Z2VQG100I	AGLN060V5-ZVQ100I	M1AGL250V5-VQG100
A3P250-VQ100	AGLN060V5-ZVQG100I	M1AGL250V5-VQ100I
A3P250-VQG100	AGL125V2-VQ100	M1AGL250V5-VQG100I
A3P250-1VQ100	AGL125V2-VQG100	

**Table 5 • Phase IV – Affected Part Numbers, shipment began August 15, 2012
(Qualification Report PA-161)**

M7A3P1000-1FG144	M1A3P1000L-FG144	A3P1000-FG144
M7A3P1000-1FG144I	M1A3P1000L-FGG144	A3P1000-FGG144
M7A3P1000-1FG256	M1A3P1000L-1FG144	A3P1000-1FG144
M7A3P1000-1FG256I	M1A3P1000L-1FGG144	A3P1000-1FGG144
M7A3P1000-1FGG144	M1A3P1000L-FG144I	A3P1000-2FG144
M7A3P1000-1FGG144I	M1A3P1000L-FGG144I	A3P1000-2FGG144
M7A3P1000-1FGG256	M1A3P1000L-1FG144I	A3P1000-FG144I
M7A3P1000-1FGG256I	M1A3P1000L-1FGG144I	A3P1000-FGG144I
M7A3P1000-2FG144	M1A3P1000L-FG256	A3P1000-1FG144I
M7A3P1000-2FG144I	M1A3P1000L-FGG256	A3P1000-1FGG144I
M7A3P1000-2FG256	M1A3P1000L-1FG256	A3P1000-2FG144I
M7A3P1000-2FG256I	M1A3P1000L-1FGG256	A3P1000-2FGG144I
M7A3P1000-2FGG144	M1A3P1000L-FG256I	A3P1000-FG144M
M7A3P1000-2FGG144I	M1A3P1000L-FGG256I	A3P1000-FGG144M
M7A3P1000-2FGG256	M1A3P1000L-1FG256I	A3P1000-1FG144M
M7A3P1000-2FGG256I	M1A3P1000L-1FGG256I	A3P1000-1FGG144M
M7A3P1000-FG144	M1AGL250V2-FG144	A3P1000-FG256
M7A3P1000-FG144I	M1AGL250V2-FGG144	A3P1000-FGG256
M7A3P1000-FG256	M1AGL250V2-FG144I	A3P1000-1FG256
M7A3P1000-FG256I	M1AGL250V2-FGG144I	A3P1000-1FGG256
M7A3P1000-FGG144	M1AGL250V5-FG144	A3P1000-2FG256
M7A3P1000-FGG144I	M1AGL250V5-FGG144	A3P1000-2FGG256
M7A3P1000-FGG256	M1AGL250V5-FG144I	A3P1000-FG256I
M7A3P1000-FGG256I	M1AGL250V5-FGG144I	A3P1000-FGG256I
M1A3P400-FG144	M1AGL600V2-FG144	A3P1000-1FG256I
M1A3P400-FGG144	M1AGL600V2-FGG144	A3P1000-1FGG256I
M1A3P400-1FG144	M1AGL600V2-FG144I	A3P1000-2FG256I
M1A3P400-1FGG144	M1AGL600V2-FGG144I	A3P1000-2FGG256I
M1A3P400-2FG144	M1AGL600V2-FG256	A3P600L-FG144
M1A3P400-2FGG144	M1AGL600V2-FGG256	A3P600L-FGG144
M1A3P400-FG144I	M1AGL600V2-FG256I	A3P600L-1FG144
M1A3P400-FGG144I	M1AGL600V2-FGG256I	A3P600L-1FGG144
M1A3P400-1FG144I	M1AGL600V5-FG144	A3P600L-FG144I
M1A3P400-1FGG144I	M1AGL600V5-FGG144	A3P600L-FGG144I
M1A3P400-2FG144I	M1AGL600V5-FG144I	A3P600L-1FG144I
M1A3P400-2FGG144I	M1AGL600V5-FGG144I	A3P600L-1FGG144I
M1A3P400-FG256	M1AGL600V5-FG256	A3P600L-FG256
M1A3P400-FGG256	M1AGL600V5-FGG256	A3P600L-FGG256
M1A3P400-1FG256	M1AGL600V5-FG256I	A3P600L-1FG256
M1A3P400-1FGG256	M1AGL600V5-FGG256I	A3P600L-1FGG256

**Table 5 • Phase IV – Affected Part Numbers, shipment began August 15, 2012
(Qualification Report PA-161)**

M1A3P400-2FG256I	M1AGL1000V2-FG144	A3P600L-FG256I
M1A3P400-2FGG256	M1AGL1000V2-FGG144	A3P600L-FGG256I
M1A3P400-FG256I	M1AGL1000V2-FG144I	A3P600L-1FG256I
M1A3P400-FGG256I	M1AGL1000V2-FGG144I	A3P600L-1FGG256I
M1A3P400-1FG256I	M1AGL1000V2-FG256	A3P1000L-FG144
M1A3P400-1FGG256I	M1AGL1000V2-FGG256	A3P1000L-FGG144
M1A3P400-2FG256I	M1AGL1000V2-FG256I	A3P1000L-1FG144
M1A3P400-2FGG256I	M1AGL1000V2-FGG256I	A3P1000L-1FGG144
M1A3P600-FG144	M1AGL1000V5-FG144	A3P1000L-FG144I
M1A3P600-FGG144	M1AGL1000V5-FGG144	A3P1000L-FGG144I
M1A3P600-1FG144	M1AGL1000V5-FG144I	A3P1000L-1FG144I
M1A3P600-1FGG144	M1AGL1000V5-FGG144I	A3P1000L-1FGG144I
M1A3P600-2FG144	M1AGL1000V5-FG256	A3P1000L-FG256
M1A3P600-2FGG144	M1AGL1000V5-FGG256	A3P1000L-FGG256
M1A3P600-FG144I	M1AGL1000V5-FG256I	A3P1000L-1FG256
M1A3P600-FGG144I	M1AGL1000V5-FGG256I	A3P1000L-1FGG256
M1A3P600-1FG144I	A3P400-FG144	A3P1000L-FG256I
M1A3P600-1FGG144I	A3P400-FGG144	A3P1000L-FGG256I
M1A3P600-2FG144I	A3P400-1FG144	A3P1000L-1FG256I
M1A3P600-2FGG144I	A3P400-1FGG144	A3P1000L-1FGG256I
M1A3P600-FG256	A3P400-2FG144	AGL400V2-FG144
M1A3P600-FGG256	A3P400-2FGG144	AGL400V2-FGG144
M1A3P600-1FG256	A3P400-FG144I	AGL400V2-FG144I
M1A3P600-1FGG256	A3P400-FGG144I	AGL400V2-FGG144I
M1A3P600-2FG256	A3P400-1FG144I	AGL400V2-FG256
M1A3P600-2FGG256	A3P400-1FGG144I	AGL400V2-FGG256
M1A3P600-FG256I	A3P400-2FG144I	AGL400V2-FG256I
M1A3P600-FGG256I	A3P400-2FGG144I	AGL400V2-FGG256I
M1A3P600-1FG256I	A3P400-FG256	AGL400V5-FG144
M1A3P600-1FGG256I	A3P400-FGG256	AGL400V5-FGG144
M1A3P600-2FG256I	A3P400-1FG256	AGL400V5-FG144I
M1A3P600-2FGG256I	A3P400-1FGG256	AGL400V5-FGG144I
M1A3P1000-FG144	A3P400-2FG256	AGL400V5-FG256
M1A3P1000-FGG144	A3P400-2FGG256	AGL400V5-FGG256
M1A3P1000-1FG144	A3P400-FG256I	AGL400V5-FG256I
M1A3P1000-1FGG144	A3P400-FGG256I	AGL400V5-FGG256I
M1A3P1000-2FG144	A3P400-1FG256I	AGL600V2-FG144
M1A3P1000-2FGG144	A3P400-1FGG256I	AGL600V2-FGG144
M1A3P1000-FG144I	A3P400-2FG256I	AGL600V2-FG144I
M1A3P1000-FGG144I	A3P400-2FGG256I	AGL600V2-FGG144I

**Table 5 • Phase IV – Affected Part Numbers, shipment began August 15, 2012
(Qualification Report PA-161)**

M1A3P1000-1FG144I	A3P600-FG144	AGL600V2-FG256
M1A3P1000-1FGG144I	A3P600-FGG144	AGL600V2-FGG256
M1A3P1000-2FG144I	A3P600-1FG144	AGL600V2-FG256I
M1A3P1000-2FGG144I	A3P600-1FGG144	AGL600V2-FGG256I
M1A3P1000-FG144M	A3P600-2FG144	AGL600V5-FG144
M1A3P1000-FGG144M	A3P600-2FGG144	AGL600V5-FGG144
M1A3P1000-1FG144M	A3P600-FG144I	AGL600V5-FG144I
M1A3P1000-1FGG144M	A3P600-FGG144I	AGL600V5-FGG144I
M1A3P1000-FG256	A3P600-1FG144I	AGL600V5-FG256
M1A3P1000-FGG256	A3P600-1FGG144I	AGL600V5-FGG256
M1A3P1000-1FG256	A3P600-2FG144I	AGL600V5-FG256I
M1A3P1000-1FGG256	A3P600-2FGG144I	AGL600V5-FGG256I
M1A3P1000-2FG256	A3P600-FG256	AGL1000V2-FG144
M1A3P1000-2FGG256	A3P600-FGG256	AGL1000V2-FGG144
M1A3P1000-FG256I	A3P600-1FG256	AGL1000V2-FG144I
M1A3P1000-FGG256I	A3P600-1FGG256	AGL1000V2-FGG144I
M1A3P1000-1FG256I	A3P600-2FG256	AGL1000V2-FG256
M1A3P1000-1FGG256I	A3P600-2FGG256	AGL1000V2-FGG256
M1A3P1000-2FG256I	A3P600-FG256I	AGL1000V2-FG256I
M1A3P1000-2FGG256I	A3P600-FGG256I	AGL1000V2-FGG256I
M1A3P600L-FG144	A3P600-1FG256I	AGL1000V5-FG144
M1A3P600L-FGG144	A3P600-1FGG256I	AGL1000V5-FGG144
M1A3P600L-1FG144	A3P600-2FG256I	AGL1000V5-FG144I
M1A3P600L-1FGG144	A3P600-2FGG256I	AGL1000V5-FGG144I
M1A3P600L-FG144I	A3PE600-FG256	AGL1000V5-FG256
M1A3P600L-FGG144I	A3PE600-FGG256	AGL1000V5-FGG256
M1A3P600L-1FG144I	A3PE600-1FG256	AGL1000V5-FG256I
M1A3P600L-1FGG144I	A3PE600-1FGG256	AGL1000V5-FGG256I
M1A3P600L-FG256	A3PE600-2FG256	AGLE600V2-FG256
M1A3P600L-FGG256	A3PE600-2FGG256	AGLE600V2-FGG256
M1A3P600L-1FG256	A3PE600-FG256I	AGLE600V2-FG256I
M1A3P600L-1FGG256	A3PE600-FGG256I	AGLE600V2-FGG256I
M1A3P600L-FG256I	A3PE600-1FG256I	AGLE600V5-FG256
M1A3P600L-FGG256I	A3PE600-1FGG256I	AGLE600V5-FGG256
M1A3P600L-1FG256I	A3PE600-2FG256I	AGLE600V5-FG256I
M1A3P600L-1FGG256I	A3PE600-2FGG256I	AGLE600V5-FGG256I

**Table 6 • Phase V – Affected Part Numbers, shipment began April 22, 2013
(Qualification Report PA-166)**

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

**Table 7 • Phase VI - Affected Part Numbers, shipment began April 22, 2013
(Qualification Report PA-167)**

APA075-FG144	APA150-FG256A	APA450-FG144I
APA075-FGG144	APA150-FGG256A	APA450-FGG144I
APA075-FG144I	APA300-FG144	APA450-FG144A
APA075-FGG144I	APA300-FGG144	APA450-FGG144A
APA075-FG144A	APA300-FG144I	APA450-FG256
APA075-FGG144A	APA300-FGG144I	APA450-FGG256
APA150-FG144	APA300-FG144A	APA450-FG256I
APA150-FGG144	APA300-FGG144A	APA450-FGG256I
APA150-FG144I	APA300-FG256	APA450-FG256A
APA150-FGG144I	APA300-FGG256	APA450-FGG256A
APA150-FG144A	APA300-FG256I	APA600-FG256
APA150-FGG144A	APA300-FGG256I	APA600-FGG256
APA150-FG256	APA300-FG256A	APA600-FG256I
APA150-FGG256	APA300-FGG256A	APA600-FGG256I
APA150-FG256I	APA450-FG144	APA600-FG256A
APA150-FGG256I	APA450-FGG144	APA600-FGG256A

**Table 8 • Phase VII – Affected Part Numbers, shipment began April 22, 2013
(Qualification Report PA-168)**

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

**Table 9 • Phase VIII – Affected Part Numbers, shipment will begin (September 23, 2013)
(Qualification Report PA-168)**

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

**Table 10 • Phase IX – Affected Part Numbers, shipment will begin (January 1, 2014)
(Qualification Report PA-183, available by December 23, 2013)**

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

Summary of Changes:

1. Added to Table 1, the schedule of the following devices:
 - a. A3P030/A3PN030 and the smaller device ProASIC3/Nano in QNG68/QNG48
 - b. ProASIC^{Plus} in PQ208/PQG208
2. Removed from Table 1, are the ProAsic3 devices (larger than A3P250) in PQ208/PQG208. The qualification of this device with the PCC wire has been postponed.
3. Updated the subsequent tables based on the changes made to Table 1.

Microsemi Corporation, One Enterprise, Aliso Viejo, CA 92656 - www.microsemi.com

[Change](#) your email subscription options or [opt out](#) of all email correspondence.\$TrackMessageOpen