Discontinuance Notice

Microsemi Corporation

October 15, 2013

Product Discontinuance Notification (PDN) No: 1306

Subject: Fusion, IGLOO, and ProASIC3 in QNG108, QNG180, and QNG132 packages

Description:

This letter is to inform you of Microsemi's decision to obsolete the offering of our Fusion, IGLOO, and ProASIC3 products in the QNG108, QNG180, and QNG132 packages.

Reason for Discontinuance:

The lead-frames for these packages were driven by our assembly vendor Amkor Technology's supplier, who manufactures the tsCSP lead-frames. Due to a very low demand, sporadic purchase activity of these packages, and the high cost to sustain the process equipment and the plating chemical set-up conditions over long-lasting times of non-production, the supplier has been forced to exit from the tsCSP (Microsemi's QN packages) lead-frame supply industry.

Amkor is unable to find an alternative supplier that can manufacture the identical lead-frame with the same material and the same constructional conditions at the present volume demand basis; therefore, Amkor is discontinuing assembly of these packages.

Customer Impact:

All products in the affected packages will be removed from Microsemi's product offering and will no longer be available.

There is a limited inventory of these parts; orders will be taken on a first-come, first-served basis.

Orders for these products will be non-cancelable and non-returnable.

Replacement Parts:

There are no packages with equivalent footprints for the QNG108, QNG180, and QNG132 currently available.

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Products Affected by this Discontinuance:

A list of the affected Microsemi part numbers is included with this notification for reference. Refer to Table 1 below.

Table 1 Affected Part Numbers

Fusion	IGLOO	ProASIC3
AFS090-1QNG108	AGL030V2-QNG132	A3P030-1QNG132
AFS090-1QNG108I	AGL030V2-QNG132I	A3P030-1QNG132I
AFS090-1QNG180	AGL030V2-QNG132T	A3P030-2QNG132
AFS090-1QNG180I	AGL030V5-QNG132	A3P030-2QNG132I
AFS090-2QNG108	AGL030V5-QNG132I	A3P030-QNG132
AFS090-2QNG108I	AGL060V2-QNG132	A3P030-QNG132I
AFS090-2QNG180	AGL060V2-QNG132I	A3P060-1QNG132
AFS090-2QNG180I	AGL060V5-QNG132	A3P060-1QNG132I
AFS090-QNG108	AGL060V5-QNG132I	A3P060-2QNG132
AFS090-QNG108I	AGL125V2-QNG132	A3P060-2QNG132I
AFS090-QNG180	AGL125V2-QNG132I	A3P060-QNG132
AFS090-QNG180I	AGL125V2-QNG132T	A3P060-QNG132I
AFS250-1QNG180	AGL125V5-QNG132	A3P125-1QNG132
AFS250-1QNG180I	AGL125V5-QNG132I	A3P125-1QNG132I
AFS250-2QNG180		A3P125-1QNG132T
AFS250-2QNG180I		A3P125-2QNG132
AFS250-QNG180		A3P125-2QNG132I
AFS250-QNG180I		A3P125-QNG132
M1AFS250-1QNG180		A3P125-QNG132I
M1AFS250-1QNG180I		A3P125-QNG132T
M1AFS250-2QNG180		A3P250-1QNG132
M1AFS250-2QNG180I		A3P250-1QNG132I
M1AFS250-QNG180		A3P250-1QNG132T
M1AFS250-QNG180I		A3P250-2QNG132
		A3P250-2QNG132I
		A3P250-QNG132
		A3P250-QNG132I
		A3P250-QNG132T

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Please contact your local Microsemi Sales Office for more information on these products.

Regards,

Microsemi Corporation

Any projected dates in this notification are based on the most current product information at the time this PDN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

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