

Overview

The purpose of this notification is to announce the addition of a new second source molding compound for selected wirebond BGA packages. There is no change to the fit, form, function, or reliability with this change.

Description

Nitto GE100 Series molding compound has been qualified as a second source material for Xilinx plastic molded wirebond packages. The addition of this material will allow Xilinx to ensure continuity of supply for our high volume ball grid array (BGA) packages.

Products Affected

Table 1 summarizes the packages affected by this PCN. All Xilinx devices offered in these packages are affected by this change. This includes devices in both the standard and Pb-free packages, as well as all related speeds and grades; commercial, industrial, and military.

Table 1: Packages Affected

BG225	CS(G)280	FG(G)1156	FG(G)456
BG728	CS(G)48	FG(G)256	FG(G)484
BG(G)256	CS(G)484	FG(G)320	FG(G)676
BG(G)575	CP(G)132	FG(G)324	FG(G)900
CS(G)144	CP(G)56	FG(G)400	FT(G)256

Traceability

A top mark facilitates package traceability. The Date Code can be found on the package top mark (see **Figure 1**). Parts from **Table 1** could be shipped with the new molding compound starting from July 14, 2008 (Date Code 0829) and after.



XCN08006_01_041408

Figure 1: Label Showing Date Code

Key Dates and Ordering Information

The new material set will begin shipping on, or after, July 14, 2008.

Note: Starting July 14, 2008, the packages could contain either Sumitomo or Nitto molding compound.

Qualification Data

Qualification data can be found in the following document:

[RPT100 - Nitto GE100 Series Mold Compound Qualification Report](#).

Response

Note: In accordance with JESD46-C, this change is deemed accepted by the customer if no acknowledgement is received within 30 days from this notice.

No response is required. For additional information or questions, please contact [Xilinx Technical Support](#).

Important Notice: Xilinx Customer Notices (PCNs, PDNs, and Quality Alerts) can be delivered via e-mail alerts sent by the MySupport website (<http://www.xilinx.com/support>). Register today and personalize your “MyAlerts” area to include Customer Notices. This change provides many benefits, including the ability to receive alerts for new and updated information about specific products, as well as alerts for other publications such as data sheets, errata, application notes, etc. For information on how to sign up, refer to [Xilinx Answer Record 18683](#).

Additional Documentation

Below is a list of documents that are associated with this notice:

- Qualification Report ([RPT100](#))

Revision History

The following table shows the revision history for this document.

Date	Version	Revision
04/14/08	1.0	Initial release.
04/17/08	1.0.1	Cross-ship date changed (pushed out) in Traceability and Key Dates and Ordering Information sections.