



## **PROCESS CHANGE NOTICE PCN0504 STANDARDIZED EME-G700 SERIES MOLD COMPOUND FOR QFP PACKAGES**

### **Change Description:**

Altera will be standardizing on Sumikon EME-G700 series mold compound in Altera's quad flat pack (QFP) packages. All QFP packages assembled at ASE in Malaysia and Amkor in Korea that are currently using Nitto's MP8000 series and Sumitomo's EME-6300HJ series will be standardized on the EME-G700 mold compound. The moisture sensitivity handling level will not be affected. This change does not affect the form, fit or function of the devices.

### **Reason for Change:**

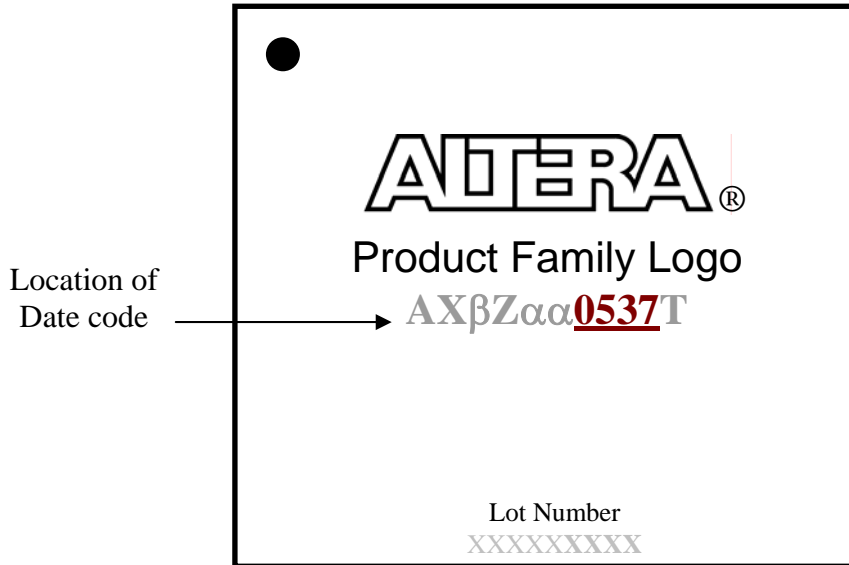
EME-G700 series mold compound is a newer generation of mold compound materials. It is being introduced in conjunction with meeting the Pb-free standards.

### **Products Affected:**

The affected product lines are listed in Table 1.

## Product Traceability and Transition Dates:

This change will be implemented in the mid September 2005 timeframe. Customers may receive products molded with EME-G700 series mold compound starting with the topside mark date code of 0537, as shown below.



## Contact:

For more information on this change, please contact your local Altera® sales representative or Altera Customer Quality Engineering at [customer-quality@altera.com](mailto:customer-quality@altera.com).

**Table 1 – Affected OPN**

<b>Package</b>	<b>Product Line</b>
QFP 100	EPM7064,EPM7096, MPM7128
	EPM7128E, EPM7160E
	EPM7128S, MPM7128S
QFP 160	EPF8452A, EPF8636A, EPF8820A, MPF8452A
	EPM7128E, EPM7160E, EPM7192E, EPM7256E, MPM7256E
	EPM7128S, EPM7160S, EPM7192S, MPM7192S
QFP 208	EP1K10, EP1K30, EP1K50, EP1K100
	EP20K100
	EP20K200C
	EP20K30E, EP20K60E, EP20K100E, EP20K160E, EP20K200E
	EPF10K10
	EPF6016, EPF6016A, EPF6024A
	EPF81188A
	EPF8636A, EPF8820A, MPF8820A
	EPF10K10A, EPF10K30A
	EPF10K100E, EPF10K30E, EPF10K50E, EPF10K50S
	EPM3256A, EPM3512A
	EPM7256A
	EPM7512A, EPM7256AE
	EPM7256B, EPM7512B
EPM7256S	
QFP 240	EP20K100
	EP20K200C
	EP20K60E, EP20K100E, EP20K160E, EP20K200E, EP20K300E
	EP1C6, EP1C12
	EPF6016, EPF6024A
	EPF81188A, EPF81500A
	EPF10K30A
	EPF10K50V
	EPF10K50E, EPF10K100E, EPF10K130E
EPF10K50S	