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Product Change Notification - JAON-01ZFTR707

Date: 09 Sep 2016
Product Category: Memory; Analog (Linear & Mixed Signal) AND Interface; Analog (Thermal, Power Management & Safety); 8-bit Microcontrollers
Notification subject: CCB 2622 Final Notice: Qualification of G700 molding compound and 8600 die attach material for all automotive products available in 8L DFN (2x3mm) package at NSEB assembly site.
Notification text: **PCN Status:**
 Final notification

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of G700 molding compound and 8600 die attach material for all automotive products available in 8L DFN (2x3mm) package at NSEB assembly site.

Pre Change:

Using G770 molding compound and 8200T die attach material

Post Change:

Using G700 molding compound and 8600 die attach material.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	NSEB assembly site	NSEB assembly site
Wire material	Au wire	Au wire
Die attach material	8200T	8600
Molding compound material	G770	G700
Lead frame material	EFTEC-64T	EFTEC-64T

Impacts to Data Sheet:
None

Change Impact:
None

Reason for Change:
To improve productivity and standardization by using the best known material set for automotive products at the NSEB assembly site.

Change Implementation Status:
In Progress

Estimated First Ship Date:
December 9, 2016 (date code: 1649)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

Work Week	May 2016				->	September 2016					December 2016				
	18	19	20	21		35	36	37	38	39	48	49	50	51	52
Initial PCN Issue Date				X											
Qualification Report Availability						X									
Final PCN Issue Date						X									
Estimated Implementation Date											X				

Method to Identify Change:
Traceability code

Qualification Report:
Please open the attachments included with this PCN labeled as PCN_#_Qual Report.

Revision History:
May 27, 2016: Issued initial notification.
July 6, 2016: Re-issued the initial notification to notify all affected customers.
September 9, 2016: Issued final notification. Attached the qualification report. Added estimated first ship date on December 2, 2016. Corrected a typographical error on the lead frame material on the pre and post change summary table from C194 to EFTEC-64T. Updated the reason for change.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

- Attachment(s):**
- [PCN_JAON-01ZFTR707_Qual_Report.pdf](#)
 - [PCN_JAON-01ZFTR707_Affected_CPN.pdf](#)
 - [PCN_JAON-01ZFTR707_Affected_CPN.xls](#)

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Affected Catalog Part Numbers (CPN)

PCN_JAON-01ZFTR707
CATALOG_PART_NBR
24AA16-I/MC16KVAO
24AA16T-I/MC16KVAO
24LC64T-E/MC16KVAO
24LC64T-I/MC16KVAO
MCP4921-E/MCVAO
MCP4921T-E/MCVAO
MCP6002-E/MCVAO
MCP6002T-E/MCVAO
MCP9804-E/MCVAO
MCP9804T-E/MCVAO
PIC12F509T-I/MCVAO
PIC12F510-E/MCVAO