

PRODUCT / PROCESS CHANGE NOTIFICATION (PCN)

PCN Number: **SC164308**

Notification Subject: CRB 16-0751 and 16-1266 Initial Notice: Qualification of MMT for Assembly and Final Test for all Military EEPROM Products available in Hermetic packages.

PCN Issue Date: January 11, 2017

Change Category: Manufacturing location, Quality/Reliability, Logistics

PCN Status: Initial Notification

Microchip/Atmel Parts Affected: Please open the attachments included with this PCN labeled as PCN_#_Affected_CP.N.

Note1: for your convenience Microchip/Atmel includes identical files in two formats (.pdf and .xls)

Note2: The part numbers ending in /883-XXX are the replacement part numbers for the existing SL codes that will be implemented as per [PCN SC164305](#).

Description of Change: Qualification of MMT for Assembly and Final Test for all Military EEPROM Products available in Hermetic packages.

Pre Change: Assembled at Amkor Philippines (ATP) and Final Tested at Atmel Colorado.

Post Change: Assembled, Final Tested at MMT Assembly and Final Test Site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly	ATP-1 Assembly Site	MMT Assembly Site
Final Test	Atmel –Colorado Final Test	MMT Final Test
Wire Material	Al , 1.25mil DIA	Al , 1.25mil DIA
Die Attach Material	QMI 3555	QMI 3555
Lead frame Material	Alloy 42	Alloy 42

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying MMT Assembly and Final Test Site. ATP and Atmel Colorado will no longer have manufacturing support to process selected Military EEPROM Products available in Hermetic packages.

Change Implementation Status: In-progress

Estimated Qualification Completion Status: April 2017

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions, however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date.

Time Table Summary:

Workweek	December 2016					->	April 2017					
	49	50	51	52	53		13	14	15	16	17	
Initial PCN Issue Date		X										
Qual Report Availability												X
Final PCN Issue Date												X

Method to Identify Change: Top Side marking will remain unchanged and will continue to reflect the ATMEL logo and CAGE Code: 0HSW3 along with the appropriate part number markings.

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

Data Sheet: To view the applicable data sheet please go to the [document library](#) found on atmel.com.

Revision History: **December 07, 2016.** Issued initial notification
January 11, 2017. Included additional information on the method to Identify Change.

Please contact your local [Microchip](#) or [Atmel](#) Sales Office or Distributor with questions or concerns regarding this notification.

SC164308-Qualification of MMT for Assembly and Final Test for all Military EEPROM Products available in Hermetic packages.

Affected Catalog Part Numbers (CPN)

PCN_SC164308	
Catalog Number	Standard Military Drawing Number (SMD#) Dual marked packages
AT28C010-12DM/883	5962-3826707MXX
AT28C010-12EM/883	5962-3826707MUX
AT28C010-12FM/883	5962-3826707MZX
AT28C010-12FM/883-341	
AT28C010-15DM/883	5962-3826705MXX
AT28C010-15EM/883	5962-3826705MUX
AT28C010-15FM/883	5962-3826705MZX
AT28C010-20DM/883	5962-3826703MXX
AT28C010-20EM/883	5962-3826703MUX
AT28C010-20FM/883	5962-3826703MZX
AT28C010-25DM/883	5962-3826701MXX
AT28C010-25EM/883	5962-3826701MUX
AT28C010-25FM/883	5962-3826701MZX
AT28C010E-12DM/883	No associated SMD
AT28C010E-12DM/883-341	
AT28C010E-12EM/883	
AT28C010E-12FM/883	
AT28C010E-15DM/883	
AT28C010E-15EM/883	
AT28C010E-20DM/883	
AT28C010E-20EM/883	
AT28C256-15DM/883	5962-8852506XX
AT28C256-15DM/883-815	5962-8852514XX
AT28C256-15FM/883	5962-8852506ZX
AT28C256-15FM/883-815	5962-8852514ZX
AT28C256-15LM/883	5962-8852506YX
AT28C256-15LM/883-815	5962-8852514YX
AT28C256-20DM/883	5962-8852504XX
AT28C256-20DM/883-815	5962-8852512XX
AT28C256-20FM/883	5962-8852504ZX
AT28C256-20FM/883-815	5962-8852512ZX
AT28C256-20LM/883	5962-8852504YX
AT28C256-20LM/883-815	5962-8852512YX
AT28C256-25DM/883	5962-8852503XX
AT28C256-25DM/883-815	5962-8852511XX
AT28C256-25DM/883-023	No associated SMD
AT28C256-25FM/883	5962-8852503ZX
AT28C256-25FM/883-815	5962-8852511ZX
AT28C256-25FM/883-949	No associated SMD
AT28C256-25LM/883	5962-8852503YX
AT28C256-25LM/883-815	5962-8852511YX

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PCN_SC164308	
Catalog Number	Standard Military Drawing Number (SMD#) Dual marked packages
AT28C256-25LM/883-829	No associated SMD
AT28C256-25LM/883-949	No associated SMD
AT28C256E-15DM/883	5962-8852508XX
AT28C256E-15DM/883-815	5962-8852516XX
AT28C256E-15FM/883	5962-8852508ZX
AT28C256E-15FM/883-815	5962-8852516ZX
AT28C256E-15LM/883	5962-8852508YX
AT28C256E-15LM/883-815	5962-8852516YX
AT28C256E-20DM/883	No associated SMD
AT28C256E-20FM/883	
AT28C256E-20LM/883	
AT28C256E-25DM/883	5962-8852505XX
AT28C256E-25DM/883-815	5962-8852513XX
AT28C256E-25FM/883	5962-8852505ZX
AT28C256E-25FM/883-815	5962-8852513ZX
AT28C256E-25LM/883	5962-8852505YX
AT28C256E-25LM/883-815	5962-8852513YX
AT28C256F-15DM/883	5962-8852507XX
AT28C256F-15DM/883-815	5962-8852515XX
AT28C256F-15FM/883	5962-8852507ZX
AT28C256F-15FM/883-815	5962-8852515ZX
AT28C256F-15LM/883	5962-8852507YX
AT28C256F-15LM/883-815	5962-8852515YX
AT28C256F-20DM/883	No associated SMD
AT28C256F-20FM/883	
AT28C256F-20LM/883	
AT28C256F-25DM/883	
AT28C256F-25FM/883	
AT28C256F-25LM/883	
AT28HC256-12DM/883	5962-8863401XX
AT28HC256-12FM/883	5962-8863401ZX
AT28HC256-12LM/883	5962-8863401YX
AT28HC256-90DM/883	5962-8863403XX
AT28HC256-90FM/883	5962-8863403ZX
AT28HC256-90FM/883-023	No associated SMD
AT28HC256-90LM/883	5962-8863403YX
AT28HC256-90LM/883-253	No associated SMD
AT28HC256-90LM/883-696	No associated SMD
AT28HC256E-12DM/883	No associated SMD
AT28HC256E-12FM/883	
AT28HC256E-12LM/883	

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Affected Catalog Part Numbers (CPN)

PCN_SC164308	
Catalog Number	Standard Military Drawing Number (SMD#) Dual marked packages
AT28HC256E-90DM/883	No associated SMD
AT28HC256E-90FM/883	
AT28HC256E-90LM/883	
AT28HC256F-12DM/883	5962-8863402XX
AT28HC256F-12FM/883	5962-8863402ZX
AT28HC256F-12LM/883	5962-8863402YX
AT28HC256F-90DM/883	5962-8863404XX
AT28HC256F-90FM/883	5962-8863404ZX
AT28HC256F-90LM/883	5962-8863404YX
<p>1 - Note: The part numbers ending in /883-XXX are the replacement part numbers for the existing SL codes that will be implemented as per PCN SC164305.</p>	
<p>2 - Note: SMD not used for order entry, utilization of Atmel Catalog PN will receive dual marked parts with the appropriate SMD</p>	