



PCN / EOL Notification

PCN Number: CC132502

Notification Date: July 9, 2013

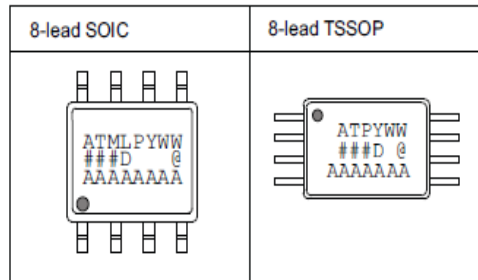
Title: 1-Kbit/2-Kbit 2-wire interface Automotive Grade (-40C to +125C) Serial EEPROM (AT24C01B/AT24C02B) Process Geometric Shrink and Device Enhancements																							
Product Identification: All Packages of the Automotive Temperature Grade (-40C to +125C) AT24C01B/AT24C02B																							
Reason for Change:	☒ Material / Composition	☒ Design / Firmware	☐ Manufacturing Location																				
	☒ Processing / Manufacturing	☐ Logistics	☐ Quality / Reliability																				
Change Description: Atmel has performed a process geometry shrink of the Serial EEPROM Automotive Temperature Grade AT24C01B/AT24C02B devices (2-wire interface, 1-Kbit/2-Kbit densities) from 0.35µm to 0.25µm. The catalog part number AT24C01B/24C02B will be replaced by AT24C01C/24C02C (see Table 1). The new devices are pin-to-pin and functionally backward compatible with the current AT24C01B/24C02B devices. <u>Delivery Options</u> To further stream line the shipping and handling process, Atmel is eliminating bulk delivery options. The new AT24C01C/24C02C devices will be offered in Tape and Reel only.																							
Table 1. This is the listing for standard datasheet offering, PCN also applies to all (customer specific) special CAN part numbers that are not listed in the table below:																							
<table border="1"><thead><tr><th>EOL Part Number</th><th>Replacement Part Number</th><th>Package</th><th>Carrier Type</th></tr></thead><tbody><tr><td>AT24C01BN-SP25-B¹</td><td>AT24C01C-SSPD-T²</td><td>SOIC</td><td>T/R, 4K per reel</td></tr><tr><td>AT24C01BN-SP25-T</td><td>AT24C01C-SSPD-T²</td><td>SOIC</td><td>T/R, 4K per reel</td></tr><tr><td>AT24C01B-TP25-B¹</td><td>AT24C01C-XPD-T²</td><td>TSSOP</td><td>T/R, 5K per reel</td></tr><tr><td>AT24C01B-TP25-T</td><td>AT24C01C-XPD-T²</td><td>TSSOP</td><td>T/R, 5K per reel</td></tr></tbody></table>				EOL Part Number	Replacement Part Number	Package	Carrier Type	AT24C01BN-SP25-B ¹	AT24C01C-SSPD-T ²	SOIC	T/R, 4K per reel	AT24C01BN-SP25-T	AT24C01C-SSPD-T ²	SOIC	T/R, 4K per reel	AT24C01B-TP25-B ¹	AT24C01C-XPD-T ²	TSSOP	T/R, 5K per reel	AT24C01B-TP25-T	AT24C01C-XPD-T ²	TSSOP	T/R, 5K per reel
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Notes: 1. Bulk will no longer be an ordering option, Tape and Reel ordering only offered 2. Please reference qualification pack for further details																							
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Qualification Data:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable																				
Samples:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable																				

Quantifiable Impact on Quality & Reliability: None
Forecasted Availability Date: Now Last Time Buy Date: January 9, 2014 Last Ship Date: July 9, 2014 <i>*All orders placed after the notification date are non-cancellable and non-returnable (NCNR).</i>
Atmel Contact: Please contact your Atmel Sales Representative or Distributor for additional information (when replying via e-mail please include PCN number in subject line).
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CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN / EOL. Please complete and email to pcnadm@atmel.com and the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.	
Company: Name: Title: Date: Email Address: Location: Comments:	

Attachment A

AT24C01C, AT24C02C, AT24C04C and AT24C08C: Package Marking Information



Note 1: @ designates pin 1
 Note 2: Package drawings are not to scale

Catalog Number Truncation		
AT24C01C	Truncation Code ###: 01C	
AT24C02C	Truncation Code ###: 02C	
AT24C04C	Truncation Code ###: 04C	
AT24C08C	Truncation Code ###: 08C	
Date Codes		Voltages
Y = Year	WW = Work Week of Assembly	% = Minimum Voltage
2: 2012 6: 2016	02:Week 2	D: 2.5V min
3: 2013 7: 2017	04:Week 4	
4: 2014 8: 2018	...	
5: 2015 9: 2019	52:Week 52	
Country of Assembly	Lot Number	Grade/Lead Finish Material
@ = Country of Assembly	AAA...A = Atmel Wafer Lot Number	P: Automotive/NiPdAu
		Atmel Truncation
		AT: Atmel ATM: Atmel ATML: Atmel

11/13/12

 Package Mark Contact: DL-CSO-Assy_eng@atmel.com	TITLE 24C01-02-04-08CAM , AT24C01C, AT24C02C, AT24C04C, and AT24C08C Automotive Package Marking Information	DRAWING NO.	REV.
		24C01-02-04-08CAM	B