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## Product Change Notification - JAON-01RSNA976

**Date:** 14 Oct 2016  
**Product Category:** Micrel  
**Notification subject:** CCB 2736 Initial Notice - Fabrication Site Qualification: Qualification of Fabrication site (FAB 5) for Micrel products manufactured with the S1 process technology.  
**Notification text:** **PCN Status:**  
 Initial 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 Fabrication site (FAB 5) for Micrel products manufactured with the S1 process technology. Please review the FAQ for additional information regarding this change.

**Pre Change:**

Fabricated at Micrel fabrication site (San Jose, CA, USA) (SJ) using 6 inch wafers.

**Post Change:**

Fabricated at Atmel Fabrication site FAB 5 (Colorado Springs, CO, USA) (COS) using 6 inch wafers.

**Pre and Post Change Summary:**

	Pre Change	Post Change
Fabrication Location	Micrel Fabrication Site (San Jose, CA, USA)	Atmel Fabrication site FAB 5 (Colorado Springs, CO USA)
Wafer Diameter	6 inches (150 mm)	6 inches (150 mm)
Quality certification	ISO9001	ISO9001/TS16949
Data sheet / specifications	No Change	No Change
Design/layout	No Change	No Change
Die Size	No change	No change
Final test program	No change	No change
Package Type/MSL	No Change	No Change

**Impacts to Data Sheet:**

No impact anticipated.

**Change Impact:**

None

**Reason for Change:**

To improve productivity with the closure of the Micrel fab (SJ) as part of the integration of Micrel and Microchip.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

Catalog part numbers fabricated at FAB 5 will not ship until after the final PCN with the listed CPN(s) attached. Microchip will issue Final PCNs as mask sets are released to production at FAB 5. Final PCNs will not be issued until after the qual data has been provided. Qual data will be provided in the intermediate PCN as noted in the time table below.

NOTE: This FAB transition will vary by catalog part number (CPN) and may take several months/years to complete the transition that may result in several final PCNs.

**Summary Time Table of notable events to date:**

	October 2016				->	December 2016					January 2017 onwards
Workweek	40	41	42	43		48	49	50	51	52	
Initial PCN Issue Date		X									
Qualification Report Availability and Intermediate PCN issue date										X	
Final PCN Issue Date											Will be issued as catalog part numbers (CPNs) are released to production

**Method to Identify Change:**

Traceability code.

**Qualification Plan:**

Please open the attachments included with this PCN labeled as PCN\_#\_Qual Plan.

**Revision History:**

October 14, 2016: Issued initial notification.

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

**Attachment(s):**

- [Frequently Asked Questions\\_Atmel FAB Transfer.pdf](#)
- [PCN\\_JAON-01RSNA976\\_Qual\\_Plan.pdf](#)
- [PCN\\_JAON-01RSNA976\\_Affected\\_CPN.pdf](#)
- [PCN\\_JAON-01RSNA976\\_Affected\\_CPN.xls](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

PCN_JAON-01RSNA976
CATALOG_PART_NBR
SY100E222LTY
SY100E222LTY-TR
SY100E222LTY-TX
SY100EL11VZG
SY100EL11VZG-TR
SY100EL14VZG
SY100EL14VZG-TR
SY100EL15LZG
SY100EL15LZG-TR
SY100EL15WC
SY100EL16VCKG
SY100EL16VCKG-TR
SY100EL16VDKG
SY100EL16VDKG-TR
SY100EL16VDWC
SY100EL16VFKG
SY100EL16VFKG-TR
SY100EL16VKG
SY100EL16VKG-TR
SY100EL16VZG
SY100EL16VZG-TR
SY100EL17VZG
SY100EL17VZG-TR
SY100EL29VZG
SY100EL29VZG-TR
SY100EL32VZG
SY100EL32VZG-TR
SY100EL33LZG
SY100EL33LZG-TR
SY100EL34LZG
SY100EL34LZG-TR
SY100EL56VZG
SY100EL56VZG-TR
SY100ELT21LZG
SY100ELT21LZG-TR
SY100ELT22LZG
SY100ELT22LZG-TR
SY100ELT22ZG
SY100ELT22ZG-TR
SY100ELT23LZG
SY100ELT23LZG-TR
SY100ELT23ZG
SY100ELT23ZG-TR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-01RSNA976
CATALOG_PART_NBR
SY100EP32VKG
SY100EP32VKG-TR
SY100EP33VKG
SY100EP33VKG-TR
SY100EPT20VZG
SY100EPT20VZG-TR
SY100EPT21LKG
SY100EPT21LKG-TR
SY100EPT21LZG
SY100EPT21LZG-TR
SY100EPT22VKG
SY100EPT22VKG-TR
SY100EPT22VZG
SY100EPT22VZG-TR
SY100EPT23LKG
SY100EPT23LKG-TR
SY100EPT23LZG
SY100EPT23LZG-TR
SY100EPT28LKG
SY100EPT28LKG-TR
SY100S834LZG
SY100S834LZG-TR
SY10EP05VZG
SY10EP05VZG-TR
SY10EP51VKG
SY10EP51VKG-TR
SY10EP51VMG-TR
SY10EP89VKG
SY10EP89VKG-TR
SY10EP89VZG
SY10EP89VZG-TR
SY55852UKG
SY55852UKG-TR
SY55855VKG
SY55855VKG-TR
SY88803VKG
SY88803VKG-TR
SY88813VKG
SY88813VKG-TR
SY88822VKG
SY88822VKG-TR
SY88903VKG
SY88903VKG-TR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-01RSNA976
CATALOG_PART_NBR
SY88922VKG
SY88922VKG-TR
SY88923AVKG
SY88923AVKG-TR
SY88927VKG
SY88927VKG-TR
SY88933VKG
SY88933VKG-TR
SY88943VKG
SY88943VKG-TR
SY88993AVKG
SY88993AVKG-TR
SY89113UMY
SY89113UMY-TR
SY89222LMG-TR
SY89250VMG-TR
SY89251VMG-TR
SY89312VMG-TR
SY89313VMG-TR
SY89321LMG-TR
SY89322VMG-TR
SY89323LMG-TR
SY89328LMG-TR
SY89329VMG-TR
SY89825UHY
SY89825UHY-TR
SY89826LHY
SY89826LHY-TR
SY89828LHY
SY89828LHY-TR
SY89829UHY
SY89829UHY-TR
SY898530UTZ
SY898530UTZ-TR
SY898530UTZ-TX