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# Product Change Notification - RMES-16BJUB395 (Printer Friendly)

#### Date:

22 Feb 2018

# **Product Category:**

16-Bit - Microcontrollers and Digital Signal Controllers; 32-bit PIC Microcontrollers

# **Notification subject:**

CCB 3240 Initial Notice: Qualification of TSMC (Fab 6) as an additional fabrication site in selected products of the 0.18 um wafer technology.

#### **Notification text:**

#### **PCN Status:**

Initial notification

#### **PCN Type:**

Manufacturing Change

#### **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 TSMC (Fab 6) as an additional fabrication site in selected products of the 0.18 um wafer technology.

### Pre Change:

Fabricated at TSMC (Fab 3) or TSMC (Fab 11) fabrication sites using 8 inch wafers.

#### **Post Change:**

Fabricated at TSMC (Fab 3), TSMC (Fab 11) or TSMC (Fab 6) fabrication sites using 8 inch wafers.

## **Pre and Post Change Summary:**

	Pre Change	Post C	ost Change		
Fab Site and Location	Taiwan Semiconductor Manufacturing Corp (TSMC)	Taiwan Semiconductor Manufacturing Corp (TSMC)	Taiwan Semiconductor Manufacturing Corp (TSMC)		

	Fab 3 (Hsinchu, Taiwan) or	Fab 3 (Hsinchu, Taiwan) or	Fab 6 (Tainan, Taiwan)		
	Fab 11 (Camas, Washington)	<b>Fab 11</b> (Camas, Washington)			
Wafer Size	8 inch wafers	8 inch wafers	8 inch wafers		
Quality Certification	ISO/TS16949	ISO/TS16949	ISO/TS16949		
Design/Layout	No Change	No Change	No Change		
Die Size	No Change	No Change	No Change		

#### Impacts to Data Sheet:

None

# **Change Impact:**

None

#### **Reason for Change:**

To improve on time delivery performance by qualifying TSMC (Fab 6) as an additional fabrication site.

# **Change Implementation Status:**

In progress

# **Estimated Qualification Completion Date:**

July 2018

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. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

# Time Table Summary:

	February 2018			->	July 2018						
Workweek	5	6	7	8	9		27	28	29	30	31
Initial PCN Issue Date				X							
Qualification Report Availability											X
Final PCN Issue Date											X

#### Method to Identify Change:

Traceability code

#### **Qualification Plan:**

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

#### **Revision History:**

February 22, 2018: Issued initial notification.

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\_RMES-16BJUB395\_Qual Plan.pdf PCN\_RMES-16BJUB395\_Affected\_CPN.pdf PCN\_RMES-16BJUB395\_Affected\_CPN.xlsx

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