



## Product Change Notification / JAON-04DXFD964

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### Date:

22-Mar-2021

### Product Category:

8-bit Microcontrollers, Analog to Digital Converters, Capacitive Touch Sensors, Charge Pump DC-to-DC Converters, Digital Potentiometers, Digital to Analog Converters, Instrumentation Amplifier, Interface-Controller Area Network (CAN), Interface- Infrared Products, Interface- LIN Transceiver, KEELOQ® Encoder Devices, Linear Comparators, Linear Op Amps, Linear Programmable Gain Amplifiers, Memory, Piezoelectric Horn Drivers and CO Detector, Power Management - PWM Controllers, Power MOSFET Drivers, Real-Time Clock/Calendar, RFID tag ICs - microID® ICs, Temperature Sensors

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4541 Final Notice: Qualification of a new lead frame design for selected products available in 8L SOIC package using 8390A die attach and gold (Au) bond wire material assembled at MMT assembly site.

### Affected CPNs:

[JAON-04DXFD964\\_Affected\\_CPN\\_03222021.pdf](#)

[JAON-04DXFD964\\_Affected\\_CPN\\_03222021.csv](#)

### Notification Text:

**PCN Status:** Final notification

**PCN Type:** Manufacturing Change

**Microchip Parts Affected:** Please open one of the files found in the Affected CPNs section.

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

**Description of Change:** Qualification of a new lead frame design for selected products available in 8L SOIC package using 8390A die attach and gold (Au) bond wire material assembled at MMT assembly site.

**Pre Change:**

Using lead frame without lead lock

**Post Change:**Using lead frame with lead lock**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	Microchip Technology Thailand (Branch) / MMT	Microchip Technology Thailand (Branch) / MMT
<b>Wire material</b>	Au	Au
<b>Die attach material</b>	8390A	8390A
<b>Molding compound material</b>	G600V	G600V
<b>Lead frame material</b>	CDA194	CDA194
<b>Lead Frame Lead Lock</b>	No	Yes
	See attached pre and post change comparison	

**Impacts to Data Sheet:** None**Change Impact:**None**Reason for Change:**To improve productivity by qualifying new lead frame design**Change Implementation Status:**In Progress**Estimated First Ship Date:**February 19, 2021 (date code: 2108)

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

**Time Table Summary:**

Workweek	February 2021				March 2021				
	06	07	08	09	10	11	12	13	14
Final PCN Issue Date		X							
Qual Report Availability								X	
Estimated First Ship 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:**February 9, 2021: Issued final notification. Provided estimated first ship date to be February 19, 2021.**March 22, 2021:** Re-issued final notification. Attached the qualification report.

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

## Attachments:

[PCN\\_JAON-04DXFD964\\_Qual Report.pdf](#)

[PCN\\_JAON-04DXFD964\\_Pre and Post Change\\_Summary.pdf](#)

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

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

PIC12F629T-I/SN220  
PIC12F629T-I/SN232  
PIC12F629T-I/SN233  
PIC12F629T-I/SN241  
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PIC12F675T-I/SN199  
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PIC12F675T-I/SN201  
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PIC12F675T-I/SN206  
PIC12F675T-I/SN207  
PIC12F675T-I/SN208  
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PIC12F675T-I/SNC15  
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