

## Product Change Notification - KSRA-24MSDO763

**Date:** 01 Jun 2017

**Product Category:** 16-Bit - Microcontrollers and Digital Signal Controllers; 32-bit PIC Microcontrollers; Capacitive Touch Sensors; 8-bit PIC Microcontrollers

**Notification subject:** CCB 2967 Initial Notice: Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

**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 ASE as an additional assembly site for selected products available in 28L UQFN package.

**Pre Change:**

Assembled at UTL Assembly site using gold(Au) or Palladium coated copper wire with gold flash (CuPdAu) bond wire, 8200T or 8600 die attach material, G770HCD or G700LTD mold compound material, EFTEC64T or C194 lead frame material.

**Post Change:**

Assembled at UTL and ASE Assembly site using gold(Au) or Palladium coated copper wire with gold flash (CuPdAu) bond wire, 8200T, 8600, or NEX-130CTX die attach material, G770HCD, G700LTD or EME700LA mold compound material, EFTEC64T, C194 or C7025 lead frame material.

**Pre and Post Change Summary:**

	Pre Change		Post Change		
<b>Assembly Site</b>	UTL Assembly Site		UTL Assembly Site		ASE Assembly Site
<b>Wire material</b>	Au Wire	CuPdAu Wire	Au Wire	CuPdAu Wire	Au Wire
<b>Die attach material</b>	8200T	8600	8200T	8600	NEX-130CTX
<b>Molding compound material</b>	G770 HCD	G700LTD	G770 HCD	G700LTD	EME700LA
<b>Lead frame material</b>	EFTEC64T	C194	EFTEC64T	C194	C7025

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve on time delivery performance by qualifying ASE as an additional assembly site

**Change Implementation Status:**

In Progress

**Estimated Qualification Completion Date:**

August 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. 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:**

Workweek	June 2017					-->	August 2017				
	22	23	24	25	26		31	32	33	34	35
Initial PCN Issue Date	X										
Qual 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:**

**June 01, 2017:** 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\\_KSRA-24MSDO763\\_Affected CPN.pdf](#)
- [PCN\\_KSRA-24MSDO763\\_Qual Plan.pdf](#)
- [PCN\\_KSRA-24MSDO763\\_Affected CPN.xlsx](#)

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

**Terms and Conditions:**

If you wish to change your product/process change notification (PCN) profile please log on to our website at

<http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
DSPIC33EP128GS702-E/2N
DSPIC33EP128GS702-I/2N
DSPIC33EP128GS702T-E/2N
DSPIC33EP128GS702T-I/2N
DSPIC33EP16GS202-E/MX
DSPIC33EP16GS202-I/MX
DSPIC33EP16GS202T-E/MX
DSPIC33EP16GS202T-I/MX
DSPIC33EP16GS502-E/2N
DSPIC33EP16GS502-I/2N
DSPIC33EP16GS502T-E/2N
DSPIC33EP16GS502T-I/2N
DSPIC33EP32GS202-E/MX
DSPIC33EP32GS202-I/MX
DSPIC33EP32GS202T-E/MX
DSPIC33EP32GS202T-I/MX
DSPIC33EP32GS502-E/2N
DSPIC33EP32GS502-I/2N
DSPIC33EP32GS502T-E/2N
DSPIC33EP32GS502T-I/2N
DSPIC33EP64GS502-E/2N
DSPIC33EP64GS502-I/2N
DSPIC33EP64GS502T-E/2N
DSPIC33EP64GS502T-I/2N
DSPIC33FJ09GS302-E/MX
DSPIC33FJ09GS302T-E/MX
DSPIC33FJ16GS502-E/MV
DSPIC33FJ16GS502-E/MX
DSPIC33FJ16GS502T-E/MX
MTCH6102-I/MV
MTCH6102T-I/MV
MTCH650/MV
MTCH650-I/MV
MTCH650T/MV
MTCH650T-I/MV
MTCH652/MV
MTCH652-I/MV
MTCH652T/MV
MTCH652T-I/MV
PIC16F1512-E/MV
PIC16F1512-I/MV
PIC16F1512T-I/MV
PIC16F1513-E/MV

KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
PIC16F1513-I/MV
PIC16F1513-I/MVC02
PIC16F1513T-I/MV
PIC16F1513T-I/MVC02
PIC16F1516-E/MV
PIC16F1516-I/MV
PIC16F1516T-I/MV
PIC16F1516T-I/MV020
PIC16F1518-E/MV
PIC16F1518-I/MV
PIC16F1518T-I/MV
PIC16F15354-E/MV
PIC16F15354-I/MV
PIC16F15354T-I/MV
PIC16F15355-E/MV
PIC16F15355-I/MV
PIC16F15355T-I/MV
PIC16F15356-E/MV
PIC16F15356-I/MV
PIC16F15356T-I/MV
PIC16F1713-E/MV
PIC16F1713-I/MV
PIC16F1713T-E/MV
PIC16F1713T-I/MV
PIC16F1716-E/MV
PIC16F1716-I/MV
PIC16F1716T-I/MV
PIC16F1718-E/MV
PIC16F1718-I/MV
PIC16F1718T-E/MV
PIC16F1718T-I/MV
PIC16F1773-E/MX
PIC16F1773-I/MX
PIC16F1773T-I/MX
PIC16F1776-E/MX
PIC16F1776-I/MX
PIC16F1776T-I/MX
PIC16F1778-E/MX
PIC16F1778-I/MX
PIC16F1778T-I/MX
PIC16F1782-E/MV
PIC16F1782-I/MV
PIC16F1782T-I/MV

KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
PIC16F1783-E/MV
PIC16F1783-I/MV
PIC16F1783-I/MVC01
PIC16F1783T-E/MV
PIC16F1783T-I/MV
PIC16F1783T-I/MVC01
PIC16F1826-E/MV
PIC16F1826-I/MV
PIC16F1826T-I/MV
PIC16F1827-E/MV
PIC16F1827-I/MV
PIC16F1827T-E/MV
PIC16F1827T-I/MV
PIC16F1847-E/MV
PIC16F1847-I/MV
PIC16F1847T-I/MV
PIC16F18854-E/MV
PIC16F18854-I/MV
PIC16F18854T-I/MV
PIC16F18855-E/MV
PIC16F18855-I/MV
PIC16F18855T-E/MV
PIC16F18855T-I/MV
PIC16F18856-E/MV
PIC16F18856-I/MV
PIC16F18856T-I/MV
PIC16F1933-E/MV
PIC16F1933-I/MV
PIC16F1933T-I/MV
PIC16F1936-E/MV
PIC16F1936-I/MV
PIC16F1936T-I/MV
PIC16F1938-E/MV
PIC16F1938-I/MV
PIC16F1938T-I/MV
PIC16F1938T-I/MVPAX
PIC16F570-E/MV
PIC16F570-I/MV
PIC16F570T-I/MV
PIC16F722A-E/MV
PIC16F722A-I/MV
PIC16F722AT-I/MV
PIC16F722-E/MV

KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
PIC16F722-I/MV
PIC16F722T-I/MV
PIC16F723A-E/MV
PIC16F723A-I/MV
PIC16F723AT-I/MV
PIC16F723-E/MV
PIC16F723-I/MV
PIC16F723T-I/MV
PIC16F726-E/MV
PIC16F726-I/MV
PIC16F726T-I/MV
PIC16LF1512-E/MV
PIC16LF1512-I/MV
PIC16LF1512T-I/MV
PIC16LF1513-E/MV
PIC16LF1513-I/MV
PIC16LF1513T-I/MV
PIC16LF1516-E/MV
PIC16LF1516-I/MV
PIC16LF1516T-I/MV
PIC16LF1518-E/MV
PIC16LF1518-I/MV
PIC16LF1518-I/MVC03
PIC16LF1518T-I/MV
PIC16LF1518T-I/MVC02
PIC16LF1518T-I/MVC03
PIC16LF15354-E/MV
PIC16LF15354-I/MV
PIC16LF15354T-I/MV
PIC16LF15355-E/MV
PIC16LF15355-I/MV
PIC16LF15355T-I/MV
PIC16LF15356-E/MV
PIC16LF15356-I/MV
PIC16LF15356T-I/MV
PIC16LF1566-E/MV
PIC16LF1566-I/MV
PIC16LF1566T-I/MV
PIC16LF1713-E/MV
PIC16LF1713-I/MV
PIC16LF1713T-I/MV
PIC16LF1716-E/MV
PIC16LF1716-I/MV

KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
PIC16LF1716T-I/MV
PIC16LF1718-E/MV
PIC16LF1718-I/MV
PIC16LF1718T-I/MV
PIC16LF1773-E/MX
PIC16LF1773-I/MX
PIC16LF1773T-I/MX
PIC16LF1776-E/MX
PIC16LF1776-I/MX
PIC16LF1776T-I/MX
PIC16LF1778-E/MX
PIC16LF1778-I/MX
PIC16LF1778T-I/MX
PIC16LF1782-E/MV
PIC16LF1782-I/MV
PIC16LF1782T-I/MV
PIC16LF1783-E/MV
PIC16LF1783-I/MV
PIC16LF1783T-I/MV
PIC16LF1826-E/MV
PIC16LF1826-I/MV
PIC16LF1826T-I/MV
PIC16LF1827-I/MV
PIC16LF1827T-I/MV
PIC16LF1847-E/MV
PIC16LF1847-I/MV
PIC16LF1847T-I/MV
PIC16LF18854-E/MV
PIC16LF18854-I/MV
PIC16LF18854T-I/MV
PIC16LF18855-E/MV
PIC16LF18855-I/MV
PIC16LF18855T-I/MV
PIC16LF18856-E/MV
PIC16LF18856-I/MV
PIC16LF18856T-I/MV
PIC16LF1902-E/MV
PIC16LF1902-I/MV
PIC16LF1902T-I/MV
PIC16LF1903-E/MV
PIC16LF1903-I/MV
PIC16LF1903T-I/MV
PIC16LF1906-E/MV



KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
PIC16LF1906-I/MV
PIC16LF1906T-I/MV
PIC16LF1933-E/MV
PIC16LF1933-I/MV
PIC16LF1933T-I/MV
PIC16LF1936-E/MV
PIC16LF1936-I/MV
PIC16LF1936T-I/MV
PIC16LF1938-E/MV
PIC16LF1938-I/MV
PIC16LF1938-I/MVC02
PIC16LF1938T-E/MV
PIC16LF1938T-I/MV
PIC16LF1938T-I/MVC03
PIC16LF1938T-I/MVPAX
PIC16LF722A-E/MV
PIC16LF722A-I/MV
PIC16LF722AT-I/MV
PIC16LF722-E/MV
PIC16LF722-I/MV
PIC16LF722T-I/MV
PIC16LF723A-E/MV
PIC16LF723A-I/MV
PIC16LF723AT-I/MV
PIC16LF723-E/MV
PIC16LF723-I/MV
PIC16LF723T-I/MV
PIC16LF726-E/MV
PIC16LF726-I/MV
PIC16LF726T-I/MV
PIC18F23K20-E/MV
PIC18F23K20-I/MV
PIC18F23K20T-I/MV
PIC18F23K22-E/MV
PIC18F23K22-I/MV
PIC18F23K22T-I/MV
PIC18F24K22-E/MV
PIC18F24K22-I/MV
PIC18F24K22T-I/MV
PIC18F24K40-E/MV
PIC18F24K40-I/MV
PIC18F24K40T-I/MV
PIC18F24K42-E/MV

KSRA-24MSDO763 -Qualification of ASE as an additional assembly site for selected products available in 28L UQFN package.

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-24MSDO763</b>
<b>CATALOG_PART_NBR</b>
PIC18F24K42-I/MV
PIC18F24K42T-I/MV
PIC18F25K40-E/MV
PIC18F25K40-I/MV
PIC18F25K40T-I/MV
PIC18F25K42-E/MV
PIC18F25K42-I/MV
PIC18F25K42T-I/MV
PIC18F26K40-E/MV
PIC18F26K40-I/MV
PIC18F26K40T-E/MV
PIC18F26K40T-I/MV
PIC18LF23K22-E/MV
PIC18LF23K22-I/MV
PIC18LF23K22T-I/MV
PIC18LF24K22-E/MV
PIC18LF24K22-I/MV
PIC18LF24K22T-I/MV
PIC18LF24K22T-I/MV023
PIC18LF24K22T-I/MV025
PIC18LF24K40-E/MV
PIC18LF24K40-I/MV
PIC18LF24K40T-I/MV
PIC18LF24K42-E/MV
PIC18LF24K42-I/MV
PIC18LF24K42T-I/MV
PIC18LF25K40-E/MV
PIC18LF25K40-I/MV
PIC18LF25K40T-I/MV
PIC18LF25K42-E/MV
PIC18LF25K42-I/MV
PIC18LF25K42T-I/MV
PIC18LF26K40-E/MV
PIC18LF26K40-I/MV
PIC18LF26K40T-I/MV
PIC24FJ128GA702-I/MV
PIC24FJ128GA702T-I/MV
PIC24FJ256GA702-I/MV
PIC24FJ256GA702T-I/MV
PIC24FJ64GA702-I/MV
PIC24FJ64GA702T-I/MV