

# Product Change Notification - KSRA-01ZVUK607

**Date:** 09 Mar 2018

**Product Category:** 16-Bit - Microcontrollers and Digital Signal Controllers; Ethernet Controllers; Touch Controllers; 8-bit PIC Microcontrollers; Interface- Serial Peripherals; Interface- Infrared Products; Interface- Controller Area Network (CAN)

**Notification subject:** CCB 3217 and CCB 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

**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 palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

**Pre Change:**  
Using palladium coated copper wire (PdCu) bond wire

**Post Change:**  
Using palladium coated copper with gold flash (CuPdAu) bond wire

**Pre and Post Change Summary:**

	<b>Pre Change</b>	<b>Post Change</b>
<b>Assembly Site</b>	Microchip Technology Thailand  (HQ) / MTAI	Microchip Technology Thailand  (HQ) / MTAI
<b>Wire material</b>	PdCu Wire	CuPdAu Wire
<b>Die attach material</b>	3280	3280
<b>Molding compound material</b>	G600V	G600V
<b>Lead frame material</b>	CDA194	CDA194

**Impacts to Data Sheet:**  
None

**Change Impact:**  
None

**Reason for Change:**  
To improve productivity by qualifying palladium coated copper with gold flash (CuPdAu) bond wire

**Change Implementation Status:**  
In Progress

**Estimated Qualification Completion Date:**  
April 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:**

	<b>March 2018</b>					<b>April 2018</b>				
Workweek	09	10	11	12	13	14	15	16	17	18
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:**  
**March 09, 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\\_KSRA-01ZVUK607\\_Affected\\_CPN.pdf](#)  
[PCN\\_KSRA-01ZVUK607\\_Qual\\_Plan.pdf](#)  
[PCN\\_KSRA-01ZVUK607\\_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-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
AP7675/SO
CF775-04/SO
DSPIC30F1010-20E/SO
DSPIC30F1010-30I/SO
DSPIC30F2010-20E/SO
DSPIC30F2010-20I/SO
DSPIC30F2010-30I/SO
DSPIC30F2010T-20E/SO
DSPIC30F2010T-30I/SO
DSPIC30F2020-20E/SO
DSPIC30F2020-30E/SOB34
DSPIC30F2020-30I/SO
DSPIC30F2020T-30E/SOB34
DSPIC30F2020T-30I/SO
DSPIC30F3010-20E/SO
DSPIC30F3010-20I/SO
DSPIC30F3010-30I/SO
DSPIC30F3010T-20I/SO
DSPIC30F3010T-30I/SO
DSPIC30F3013-20E/SO
DSPIC30F3013-20I/SO
DSPIC30F3013-30I/SO
DSPIC30F3013T-30I/SO
DSPIC30F4012-20E/SO
DSPIC30F4012-20I/SO
DSPIC30F4012-30I/SO
DSPIC33FJ06GS102A-I/SO
DSPIC33FJ06GS102-E/SO
DSPIC33FJ06GS102-I/SO
DSPIC33FJ06GS202A-I/SO
DSPIC33FJ06GS202-E/SO
DSPIC33FJ06GS202-I/SO
DSPIC33FJ09GS302-E/SO
DSPIC33FJ09GS302-I/SO
DSPIC33FJ09GS302T-E/SO
DSPIC33FJ128GP202-E/SO
DSPIC33FJ128GP202-I/SO
DSPIC33FJ128GP202T-E/SO
DSPIC33FJ128GP202T-I/SO
DSPIC33FJ128GP802-E/SO
DSPIC33FJ128GP802-I/SO
DSPIC33FJ128GP802T-E/SO
DSPIC33FJ128GP802T-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
DSPIC33FJ128MC202-E/SO
DSPIC33FJ128MC202-I/SO
DSPIC33FJ128MC202T-E/SO
DSPIC33FJ128MC202T-I/SO
DSPIC33FJ128MC802-E/SO
DSPIC33FJ128MC802-H/SO
DSPIC33FJ128MC802-I/SO
DSPIC33FJ128MC802T-E/SO
DSPIC33FJ128MC802T-H/SO
DSPIC33FJ128MC802T-I/SO
DSPIC33FJ12GP202-E/SO
DSPIC33FJ12GP202-I/SO
DSPIC33FJ12GP202T-E/SO
DSPIC33FJ12GP202T-I/SO
DSPIC33FJ12MC202-E/SO
DSPIC33FJ12MC202-E/SO023
DSPIC33FJ12MC202-I/SO
DSPIC33FJ12MC202-I/SOC22
DSPIC33FJ12MC202T-E/SO
DSPIC33FJ12MC202T-E/SO020
DSPIC33FJ12MC202T-E/SO023
DSPIC33FJ12MC202T-I/SO
DSPIC33FJ12MC202T-I/SOC22
DSPIC33FJ16GP102-I/SO
DSPIC33FJ16GP102T-I/SO
DSPIC33FJ16GS402-50I/SO
DSPIC33FJ16GS402-E/SO
DSPIC33FJ16GS402-I/SO
DSPIC33FJ16GS402T-50I/SO
DSPIC33FJ16GS502-50I/SO
DSPIC33FJ16GS502-E/SO
DSPIC33FJ16GS502-H/SO
DSPIC33FJ16GS502-I/SO
DSPIC33FJ16GS502T-50I/SO
DSPIC33FJ16GS502T-E/SO
DSPIC33FJ16GS502T-I/SO
DSPIC33FJ16GS502T-I/SOC01
DSPIC33FJ16MC102-E/SO
DSPIC33FJ16MC102-I/SO
DSPIC33FJ16MC102T-I/SO
DSPIC33FJ32GP102-I/SO
DSPIC33FJ32GP202-E/SO
DSPIC33FJ32GP202-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
DSPIC33FJ32GP202T-I/SO
DSPIC33FJ32GP302-E/SO
DSPIC33FJ32GP302-I/SO
DSPIC33FJ32GP302T-E/SO
DSPIC33FJ32GP302T-I/SO
DSPIC33FJ32MC102-E/SO
DSPIC33FJ32MC102-I/SO
DSPIC33FJ32MC202-E/SO
DSPIC33FJ32MC202-H/SO
DSPIC33FJ32MC202-I/SO
DSPIC33FJ32MC202-I/SO022
DSPIC33FJ32MC202-I/SO023
DSPIC33FJ32MC202-I/SOC21
DSPIC33FJ32MC202T-E/SO
DSPIC33FJ32MC202T-E/SOC22
DSPIC33FJ32MC202T-H/SO
DSPIC33FJ32MC202T-I/SO
DSPIC33FJ32MC202T-I/SO021
DSPIC33FJ32MC202T-I/SO023
DSPIC33FJ32MC202T-I/SOC21
DSPIC33FJ32MC302-E/SO
DSPIC33FJ32MC302-I/SO
DSPIC33FJ32MC302T-E/SO
DSPIC33FJ32MC302T-I/SO
DSPIC33FJ64GP202-E/SO
DSPIC33FJ64GP202-I/SO
DSPIC33FJ64GP202T-E/SO
DSPIC33FJ64GP202T-I/SO
DSPIC33FJ64GP802-E/SO
DSPIC33FJ64GP802-H/SO
DSPIC33FJ64GP802-I/SO
DSPIC33FJ64GP802-I/SO031
DSPIC33FJ64GP802-I/SO043
DSPIC33FJ64GP802T-E/SO
DSPIC33FJ64GP802T-H/SO
DSPIC33FJ64GP802T-I/SO
DSPIC33FJ64MC202-E/SO
DSPIC33FJ64MC202-I/SO
DSPIC33FJ64MC202T-E/SO
DSPIC33FJ64MC202T-I/SO
DSPIC33FJ64MC802-E/SO
DSPIC33FJ64MC802-H/SO
DSPIC33FJ64MC802-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
DSPIC33FJ64MC802T-E/SO
DSPIC33FJ64MC802T-H/SO
DSPIC33FJ64MC802T-I/SO
ENC28J60-I/SO
ENC28J60-I/SOC02
ENC28J60-I/SOC04
ENC28J60T-I/SO
ESE0009SIF/E0E42
ESE0009SIF/E0E58
ESE0009SIF/E0E5A
HA1630-I/SO
HA1630T-I/SO
HA1631-I/SO
HA1631T-I/SO
HA3089-I/SO
HA3099/SO
HA4412-I/SO
HA4412T-I/SO
HA4581-I/SO
HA4581T-I/SO
HA4582-I/SO
HCC2-009SIJ/C2C49TR
HCC2-009SIJ/C2C59
HCC2-009SIJ/C2C59TR
HCC2-009SIJ/C2C5D
HCC2-009SIJ/C2C5DTR
HCD0-00ESIJ/D0C4A
HCD2-00ESIJ/D2C53
HCD2-00ESIJ/D2C53TR
HCD2-00ESIJ/D2C5B
HCD2-00ESIJ/D2C5BTR
HCD2-00ESIJ/D2C5C
HCD2-00ESIJ/D2C60
HCD2-00ESIJ/D2C60TR
HSA0-040SDA/A0SA10
HSA0-040SDA/A0SA10TR
HSA0-040SIA/A0S1F
HSA0-040SIA/A0S1FTR
HSA0-040SIA/A0SS10
HSA0-040SIA/A0SS10TR
HSA0100SD/A0SA0B
HSA0100SI/A0SS0B
HSA0100SI/A0SS0BTR

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
HSA0100SI/ER1718
HSA0100SI/ER2013
HSA2-040SAA/A2320A
HSA2-040SAA/A2320ATR
HSA2-040SAA/A2323
HSA2-040SAA/A2323TR
HSA2-040SAA/A2324
HSA2-040SAA/A2324TR
HSA2-040SCA/A2320A
HSA2-040SCA/A2324
HSA2-040SCA/A2324TR
HSA2-040SDA/A2S20A
HSA2-040SIA/A2S20
HSA2-040SIA/A2S20A
HSA2-040SIA/A2S20ATR
HSA2-040SIA/A2S23
HSA2-040SIA/A2S23TR
HSA2-040SIA/A2S24
HSA2-040SIA/A2S24TR
HSA2-0C0SDA/A2S21
HSA2-0C0SIA/A2S20A
HSA2-0C0SIA/A2S23
HSA2-0C0SIA/A2S24
HSA2-0C0SIA/A2S24TR
HSA2-240SIA/A2S1FA
HSC2-009SIJ/C2S47
HSC2-009SIJ/C2S51
HSC2-009SIJ/C2S51TR
MCP23016-I/SO
MCP23016T-I/SO
MCP23017-E/SO
MCP23017T-E/SO
MCP23018-E/SO
MCP23018T-E/SO
MCP23S17-E/SO
MCP23S17T-E/SO
MCP23S18-E/SO
MCP23S18T-E/SO
MCV28A-I/SO
PIC14000-04/SO
PIC14000-04I/SO
PIC14000-20/SO
PIC14000-20I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC14000T-04/SO
PIC14000T-04I/SO
PIC16C55A-04/SO
PIC16C55A-04I/SO
PIC16C55A-20/SO
PIC16C55A-20I/SO
PIC16C55A-40/SO
PIC16C55AT-04/SO
PIC16C55AT-20/SO
PIC16C55AT-20I/SO
PIC16C57C-04/SO
PIC16C57C-04E/SO
PIC16C57C-04I/SO
PIC16C57C-04I/SOC05
PIC16C57C-20/SO
PIC16C57C-20/SO040
PIC16C57C-20E/SO
PIC16C57C-20I/SO
PIC16C57C-40/SO
PIC16C57CT-04/SO
PIC16C57CT-04I/SO
PIC16C57CT-20I/SO
PIC16C62B-04/SO
PIC16C62B-04I/SO
PIC16C62B-20/SO
PIC16C62B-20I/SO
PIC16C62BT-04/SO047
PIC16C62BT-20/SO
PIC16C63-04/SO
PIC16C63-04E/SO
PIC16C63-04I/SO
PIC16C63-10/SO
PIC16C63-20/SO
PIC16C63-20I/SO
PIC16C63A-04/SO
PIC16C63A-04E/SO
PIC16C63A-04I/SO
PIC16C63A-20/SO
PIC16C63A-20E/SO
PIC16C63A-20I/SO
PIC16C63AT-04/SO
PIC16C63AT-04I/SO
PIC16C642-04/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16C642-04I/SO
PIC16C642-10/SO
PIC16C642-10I/SO
PIC16C642-20I/SO
PIC16C66-04/SO
PIC16C66-04I/SO
PIC16C66-10/SO
PIC16C66-10I/SO
PIC16C66-20/SO
PIC16C66-20I/SO
PIC16C66T-04I/SO
PIC16C72A-04/SO
PIC16C72A-04E/SO
PIC16C72A-04I/SO
PIC16C72A-04I/SO4AP
PIC16C72A-20/SO
PIC16C72A-20I/SO
PIC16C72AT-04/SO
PIC16C72AT-04/SO091
PIC16C72AT-04I/SO
PIC16C72AT-04I/SO077
PIC16C72AT-20I/SO
PIC16C73A-04/SO
PIC16C73A-04I/SO
PIC16C73A-10/SO
PIC16C73A-10I/SO
PIC16C73A-20/SO
PIC16C73A-20I/SO
PIC16C73AT-04/SO
PIC16C73AT-10/SO
PIC16C73B-04/SO
PIC16C73B-04E/SO
PIC16C73B-04I/SO
PIC16C73B-04I/SO4AP
PIC16C73B-20/SO
PIC16C73B-20E/SO
PIC16C73B-20I/SO
PIC16C73BT-04/SO
PIC16C73BT-20E/SO
PIC16C73BT-20I/SO
PIC16C745-I/SO
PIC16C745T-I/SO
PIC16C76-04/SO



KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16C76-04I/SO
PIC16C76-10/SO
PIC16C76-10I/SO
PIC16C76-20/SO
PIC16C76-20I/SO
PIC16C76T-04/SO
PIC16F1459-ICE/SO
PIC16F1512-E/SO
PIC16F1512-I/SO
PIC16F1512T-I/SO
PIC16F1513-E/SO
PIC16F1513-I/SO
PIC16F1513T-I/SO
PIC16F1516-E/SO
PIC16F1516-I/SO
PIC16F1516T-I/SO
PIC16F1518-E/SO
PIC16F1518-I/SO
PIC16F1518T-I/SO
PIC16F1713-E/SO
PIC16F1713-I/SO
PIC16F1713T-I/SO
PIC16F1716-E/SO
PIC16F1716-I/SO
PIC16F1716T-I/SO
PIC16F1783-E/SO
PIC16F1783-I/SO
PIC16F1783-I/SOC02
PIC16F1783-I/SOC04
PIC16F1783T-I/SO
PIC16F1783T-I/SOC02
PIC16F1783T-I/SOC04
PIC16F1933-E/SO
PIC16F1933-I/SO
PIC16F1933T-I/SO
PIC16F1936-E/SO
PIC16F1936-E/SOC06
PIC16F1936-I/SO
PIC16F1936-I/SOC04
PIC16F1936T-E/SO
PIC16F1936T-I/SO
PIC16F1936T-I/SO021
PIC16F1936T-I/SO022

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16F1936T-I/SO023
PIC16F1936T-I/SO031
PIC16F1936T-I/SO032
PIC16F1936T-I/SOC04
PIC16F1938-E/SO
PIC16F1938-I/SO
PIC16F1938T-I/SO
PIC16F570-E/SO
PIC16F570-I/SO
PIC16F570T-I/SO
PIC16F57-E/SO
PIC16F57-I/SO
PIC16F57T-E/SO
PIC16F57T-I/SO
PIC16F57T-I/SO028
PIC16F722A-E/SO
PIC16F722A-I/SO
PIC16F722AT-I/SO
PIC16F722-E/SO
PIC16F722-I/SO
PIC16F722T-I/SO
PIC16F723A-E/SO
PIC16F723A-I/SO
PIC16F723AT-E/SO
PIC16F723AT-I/SO
PIC16F723-E/SO
PIC16F723-I/SO
PIC16F723T-I/SO
PIC16F726-E/SO
PIC16F726-I/SO
PIC16F726T-E/SO
PIC16F726T-I/SO
PIC16F72-E/SO
PIC16F72-I/SO
PIC16F72-I/SO084
PIC16F72T-E/SO
PIC16F72T-I/SO
PIC16F73-E/SO
PIC16F73-I/SO
PIC16F73-I/SO4AP
PIC16F73T-E/SO
PIC16F73T-I/SO
PIC16F73T-I/SO088

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16F73T-I/SO150
PIC16F73T-I/SO165
PIC16F73T-I/SO166
PIC16F76-E/SO
PIC16F76-I/SO
PIC16F76T-I/SO
PIC16F76T-I/SO073
PIC16F870-E/SO
PIC16F870-I/SO
PIC16F870T-I/SO
PIC16F872-E/SO
PIC16F872-I/SO
PIC16F872T-I/SO
PIC16F873-04/SO
PIC16F873-04/SO041
PIC16F873-04E/SO
PIC16F873-04I/SO
PIC16F873-10E/SO
PIC16F873-20/SO
PIC16F873-20/SOV01
PIC16F873-20I/SO
PIC16F873A-E/SO
PIC16F873A-I/SO
PIC16F873AT-I/SO
PIC16F873T-04/SO
PIC16F873T-04I/SO
PIC16F873T-20/SO
PIC16F873T-20/SOV01
PIC16F873T-20I/SO
PIC16F876-04/SO
PIC16F876-04E/SO
PIC16F876-04I/SO
PIC16F876-10E/SO
PIC16F876-20/SO
PIC16F876-20I/SO
PIC16F876A-E/SO
PIC16F876A-I/SO
PIC16F876AT-E/SO
PIC16F876AT-I/SO
PIC16F876T-04/SO
PIC16F876T-04I/SO
PIC16F876T-20/SO
PIC16F876T-20I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16F882-E/SO
PIC16F882-I/SO
PIC16F882-I/SO027
PIC16F882T-I/SO
PIC16F883-E/SO
PIC16F883-I/SO
PIC16F883T-E/SO
PIC16F883T-I/SO
PIC16F886-E/SO
PIC16F886-I/SO
PIC16F886T-I/SO
PIC16F886T-I/SO036
PIC16F913-E/SO
PIC16F913-I/SO
PIC16F913T-I/SO
PIC16F913T-I/SO028
PIC16F916-E/SO
PIC16F916-I/SO
PIC16F916T-I/SO
PIC16LC55A-04/SO
PIC16LC55A-04I/SO
PIC16LC57C-04/SO
PIC16LC57C-04I/SO
PIC16LC62B-04/SO
PIC16LC62B-04I/SO
PIC16LC62BT-04/SO
PIC16LC63-04I/SO
PIC16LC63A-04/SO
PIC16LC63A-04I/SO
PIC16LC63AT-04I/SO
PIC16LC642-04/SO
PIC16LC66-04I/SO
PIC16LC72A-04/SO
PIC16LC72A-04/SO043
PIC16LC72A-04I/SO
PIC16LC72AT-04/SO
PIC16LC73A-04/SO
PIC16LC73A-04I/SO
PIC16LC73B-04/SO
PIC16LC73B-04I/SO
PIC16LC76-04/SO
PIC16LC76-04I/SO
PIC16LF1459-ICE/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16LF1512-E/SO
PIC16LF1512-I/SO
PIC16LF1512T-I/SO
PIC16LF1513-E/SO
PIC16LF1513-I/SO
PIC16LF1513T-I/SO
PIC16LF1516-E/SO
PIC16LF1516-I/SO
PIC16LF1516T-I/SO
PIC16LF1518-E/SO
PIC16LF1518-I/SO
PIC16LF1518T-I/SO
PIC16LF1713-E/SO
PIC16LF1713-I/SO
PIC16LF1713T-I/SO
PIC16LF1716-E/SO
PIC16LF1716-I/SO
PIC16LF1716T-I/SO
PIC16LF1902-E/SO
PIC16LF1902-I/SO
PIC16LF1902T-I/SO
PIC16LF1903-E/SO
PIC16LF1903-I/SO
PIC16LF1903T-I/SO
PIC16LF1906-E/SO
PIC16LF1906-I/SO
PIC16LF1906T-I/SO
PIC16LF1933-E/SO
PIC16LF1933-I/SO
PIC16LF1933T-I/SO
PIC16LF1936-E/SO
PIC16LF1936-I/SO
PIC16LF1936T-I/SO
PIC16LF722A-E/SO
PIC16LF722A-I/SO
PIC16LF722AT-I/SO
PIC16LF722-E/SO
PIC16LF722-I/SO
PIC16LF722T-I/SO
PIC16LF723A-E/SO
PIC16LF723A-I/SO
PIC16LF723AT-I/SO
PIC16LF723-E/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16LF723-I/SO
PIC16LF723T-I/SO
PIC16LF726-E/SO
PIC16LF726-I/SO
PIC16LF726T-I/SO
PIC16LF72-I/SO
PIC16LF72-I/SO083
PIC16LF72T-I/SO
PIC16LF73-I/SO
PIC16LF73-I/SO157
PIC16LF73T-E/SO
PIC16LF73T-I/SO
PIC16LF73T-I/SO157
PIC16LF73T-I/SOC12
PIC16LF767-I/SO
PIC16LF76-I/SO
PIC16LF76T-I/SO
PIC16LF870-I/SO
PIC16LF870T-I/SO
PIC16LF872-I/SO
PIC16LF872T-I/SO
PIC16LF873-04/SO
PIC16LF873-04I/SO
PIC16LF873A-I/SO
PIC16LF873AT-I/SO
PIC16LF873AT-I/SO051
PIC16LF873T-04/SO
PIC16LF873T-04I/SO
PIC16LF876-04/SO
PIC16LF876-04I/SO
PIC16LF876A-I/SO
PIC16LF876AT-I/SO
PIC16LF876T-04/SO
PIC16LF876T-04I/SO
PIC18F2220-E/SO
PIC18F2220-I/SO
PIC18F2220-I/SOC03
PIC18F2220-I/SOV02
PIC18F2220T-I/SO
PIC18F2221-E/SO
PIC18F2221-I/SO
PIC18F2221T-E/SO
PIC18F2221T-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC18F2320-E/SO
PIC18F2320-I/SO
PIC18F2320-I/SOC07
PIC18F2320-I/SOV02
PIC18F2320T-I/SO
PIC18F2321-E/SO
PIC18F2321-I/SO
PIC18F2321T-I/SO
PIC18F2331-E/SO
PIC18F2331-I/SO
PIC18F23K20-E/SO
PIC18F23K20-I/SO
PIC18F23K20T-I/SO
PIC18F23K22-E/SO
PIC18F23K22-I/SO
PIC18F23K22-I/SOV01
PIC18F23K22T-I/SO
PIC18F2410-I/SO
PIC18F2410T-I/SO
PIC18F2420-E/SO
PIC18F2420-E/SO020
PIC18F2420-I/SO
PIC18F2420T-E/SO
PIC18F2420T-E/SO020
PIC18F2420T-I/SO
PIC18F2423-E/SO
PIC18F2423-I/SO
PIC18F2423T-I/SO
PIC18F242-E/SO
PIC18F242-I/SO
PIC18F242T-I/SO
PIC18F2431-E/SO
PIC18F2431-I/SO
PIC18F2431T-I/SO
PIC18F2450-I/SO
PIC18F2450T-I/SO
PIC18F2455-I/SO
PIC18F2455-I/SOHXX
PIC18F2458-I/SO
PIC18F2458T-I/SO
PIC18F2480-E/SO
PIC18F2480-I/SO
PIC18F2480-I/SO020

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC18F2480T-I/SO
PIC18F24J11-I/SO
PIC18F24J11T-I/SO
PIC18F24K20-E/SO
PIC18F24K20-I/SO
PIC18F24K20-I/SO024
PIC18F24K20-I/SO029
PIC18F24K20-I/SO032
PIC18F24K20T-I/SO
PIC18F24K20T-I/SO024
PIC18F24K20T-I/SO029
PIC18F24K20T-I/SO032
PIC18F24K20T-I/SO033
PIC18F24K22-E/SO
PIC18F24K22-I/SO
PIC18F24K22T-I/SO
PIC18F24K50-E/SO
PIC18F24K50-I/SO
PIC18F24K50T-I/SO
PIC18F2510-E/SO
PIC18F2510-I/SO
PIC18F2510T-I/SO
PIC18F2515-I/SO
PIC18F2520-E/SO
PIC18F2520-E/SO032
PIC18F2520-I/SO
PIC18F2520-I/SOC01
PIC18F2520T-E/SO
PIC18F2520T-E/SO032
PIC18F2520T-E/SOC06
PIC18F2520T-I/SO
PIC18F2520T-I/SOC01
PIC18F2520T-I/SOC11
PIC18F2523-E/SO
PIC18F2523-I/SO
PIC18F2523T-I/SO
PIC18F2525-E/SO
PIC18F2525-I/SO
PIC18F2525T-E/SO
PIC18F2525T-I/SO
PIC18F2525T-I/SO025
PIC18F2525T-I/SOC02
PIC18F252-E/SO



KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC18F252-I/SO
PIC18F252T-I/SO
PIC18F2539-I/SO
PIC18F2550-I/SO
PIC18F2553-I/SO
PIC18F2553-I/SOHXX
PIC18F2553T-I/SO
PIC18F2580-E/SO
PIC18F2580-I/SO
PIC18F2580T-I/SO
PIC18F2585-E/SO
PIC18F2585-H/SO
PIC18F2585-I/SO
PIC18F2585T-I/SO
PIC18F25J10-I/SO
PIC18F25J10T-I/SO
PIC18F25J11-I/SO
PIC18F25J11T-I/SO
PIC18F25K20-E/SO
PIC18F25K20-E/SOC12
PIC18F25K20-I/SO
PIC18F25K20-I/SOLPR
PIC18F25K20T-E/SO
PIC18F25K20T-E/SOC12
PIC18F25K20T-I/SO
PIC18F25K22-E/SO
PIC18F25K22-I/SO
PIC18F25K22-I/SOC02
PIC18F25K22T-I/SO
PIC18F25K22T-I/SO020
PIC18F25K22T-I/SOC02
PIC18F25K50-E/SO
PIC18F25K50-I/SO
PIC18F25K50T-I/SO
PIC18F25K80-E/SO
PIC18F25K80-E/SO033
PIC18F25K80-I/SO
PIC18F25K80-I/SOC01
PIC18F25K80-I/SOC03
PIC18F25K80T-E/SO
PIC18F25K80T-E/SO033
PIC18F25K80T-I/SO
PIC18F25K80T-I/SOC01

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC18F25K80T-I/SOC03
PIC18F2610-I/SO
PIC18F2620-E/SO
PIC18F2620-I/SO
PIC18F2620-I/SOB4
PIC18F2620T-I/SO
PIC18F2680-E/SO
PIC18F2680-H/SO
PIC18F2680-I/SO
PIC18F2680T-I/SO
PIC18F2682-E/SO
PIC18F2682-I/SO
PIC18F2682T-I/SO
PIC18F2685-E/SO
PIC18F2685-I/SO
PIC18F2685-I/SOC01
PIC18F2685-I/SOREL
PIC18F2685T-I/SO
PIC18F2685T-I/SOC01
PIC18F26J11-I/SO
PIC18F26J11T-I/SO
PIC18F26J13-I/SO
PIC18F26J13T-I/SO
PIC18F26J53-I/SO
PIC18F26J53T-I/SO
PIC18F26K20-E/SO
PIC18F26K20-I/SO
PIC18F26K20-I/SO024
PIC18F26K20T-I/SO
PIC18F26K22-E/SO
PIC18F26K22-I/SO
PIC18F26K22-I/SOC02
PIC18F26K22T-I/SO
PIC18F26K22T-I/SO022
PIC18F26K22T-I/SOC02
PIC18F26K80-E/SO
PIC18F26K80-I/SO
PIC18F26K80T-E/SO
PIC18F26K80T-I/SO
PIC18F27J13-I/SO
PIC18F27J13T-I/SO
PIC18F27J53-I/SO
PIC18F27J53T-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC18LF2220-I/SO
PIC18LF2220T-I/SO
PIC18LF2221-I/SO
PIC18LF2320-I/SO
PIC18LF2320-I/SOC08
PIC18LF2320T-I/SO
PIC18LF2321-I/SO
PIC18LF2321T-I/SO
PIC18LF2331-I/SO
PIC18LF2410-I/SO
PIC18LF2420-I/SO
PIC18LF2420T-E/SO
PIC18LF2420T-E/SOC03
PIC18LF2420T-I/SO
PIC18LF2423-I/SO
PIC18LF2423T-I/SO
PIC18LF242-I/SO
PIC18LF242T-I/SO
PIC18LF2431-I/SO
PIC18LF2431T-I/SO
PIC18LF2450-I/SO
PIC18LF2455-I/SO
PIC18LF2458-I/SO
PIC18LF2480-I/SO
PIC18LF2480T-I/SO
PIC18LF24J11-I/SO
PIC18LF24J11T-I/SO
PIC18LF2510-I/SO
PIC18LF2510T-I/SO
PIC18LF2515-I/SO
PIC18LF2515T-I/SO
PIC18LF2520-I/SO
PIC18LF2520T-I/SO
PIC18LF2523-I/SO
PIC18LF2523T-I/SO
PIC18LF2525-I/SO
PIC18LF2525-I/SOC09
PIC18LF2525T-I/SO
PIC18LF2525T-I/SOC09
PIC18LF252-I/SO
PIC18LF252T-I/SO
PIC18LF2539-I/SO
PIC18LF2550-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC18LF2553-I/SO
PIC18LF2553-I/SOHLF
PIC18LF2580-I/SO
PIC18LF2580-I/SOC01
PIC18LF2585-I/SO
PIC18LF2585T-I/SO
PIC18LF25J10-I/SO
PIC18LF25J10T-I/SO
PIC18LF25J11-I/SO
PIC18LF25J11T-I/SO
PIC18LF25K22-E/SO
PIC18LF25K22-I/SO
PIC18LF25K22T-E/SO
PIC18LF25K22T-I/SO
PIC18LF2610-I/SO
PIC18LF2620-I/SO
PIC18LF2620T-I/SO
PIC18LF2680-I/SO
PIC18LF2680T-I/SO
PIC18LF2682-I/SO
PIC18LF2685-I/SO
PIC18LF26J11-I/SO
PIC18LF26J11T-I/SO
PIC18LF26J13-I/SO
PIC18LF26J13T-I/SO
PIC18LF26J53-I/SO
PIC18LF26J53T-I/SO
PIC18LF26K22-E/SO
PIC18LF26K22-I/SO
PIC18LF26K22-I/SOC01
PIC18LF26K22T-E/SO
PIC18LF26K22T-I/SO
PIC18LF26K22T-I/SOC01
PIC18LF27J13-I/SO
PIC18LF27J13T-I/SO
PIC18LF27J53-I/SO
PIC18LF27J53T-I/SO
PIC24F16KA302-E/SO
PIC24F16KA302-I/SO
PIC24F32KA302-E/SO
PIC24F32KA302-I/SO
PIC24F32KA302T-I/SO
PIC24FJ16GA002-E/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC24FJ16GA002-I/SO
PIC24FJ16GA002T-E/SO
PIC24FJ16GA002T-I/SO
PIC24FJ16MC102-I/SO
PIC24FJ32GA002-E/SO
PIC24FJ32GA002-I/SO
PIC24FJ32GA102-I/SO
PIC24FJ32GA102T-I/SO
PIC24FJ32GB002-I/SO
PIC24FJ32GB002T-I/SO
PIC24FJ32MC102-I/SO
PIC24FJ48GA002-E/SO
PIC24FJ48GA002-I/SO
PIC24FJ48GA002T-I/SO
PIC24FJ64GA002-E/SO
PIC24FJ64GA002-I/SO
PIC24FJ64GA002T-I/SO
PIC24FJ64GA102-I/SO
PIC24FJ64GB002-I/SO
PIC24FJ64GB002T-I/SO
PIC24FV08KM102-I/SO
PIC24FV08KM202-I/SO
PIC24FV16KA302-I/SO
PIC24FV16KA302T-I/SO
PIC24FV16KA302T-I/SOC01
PIC24FV16KM102-I/SO
PIC24FV16KM102T-I/SO
PIC24FV16KM202-E/SO
PIC24FV16KM202-I/SO
PIC24FV16KM202T-I/SO
PIC24FV32KA302-E/SO
PIC24FV32KA302-I/SO
PIC24FV32KA302T-E/SO
PIC24HJ128GP202-E/SO
PIC24HJ128GP202-I/SO
PIC24HJ128GP202T-E/SO
PIC24HJ128GP202T-I/SO
PIC24HJ128GP502-E/SO
PIC24HJ128GP502-H/SO
PIC24HJ128GP502-I/SO
PIC24HJ128GP502T-E/SO
PIC24HJ128GP502T-H/SO
PIC24HJ128GP502T-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC24HJ12GP202-I/SO
PIC24HJ12GP202T-I/SO
PIC24HJ32GP202-E/SO
PIC24HJ32GP202-H/SO
PIC24HJ32GP202-I/SO
PIC24HJ32GP202T-H/SO
PIC24HJ32GP202T-I/SO
PIC24HJ32GP302-E/SO
PIC24HJ32GP302-I/SO
PIC24HJ32GP302T-E/SO
PIC24HJ32GP302T-I/SO
PIC24HJ64GP202-E/SO
PIC24HJ64GP202-I/SO
PIC24HJ64GP202T-E/SO
PIC24HJ64GP202T-I/SO
PIC24HJ64GP502-E/SO
PIC24HJ64GP502-H/SO
PIC24HJ64GP502-I/SO
PIC24HJ64GP502-I/SOA21
PIC24HJ64GP502T-E/SO
PIC24HJ64GP502T-H/SO
PIC24HJ64GP502T-I/SO
PIC24HJ64GP502T-I/SOA21
CF745-04/SO
MCP2140A-I/SO
MCP2140AT-I/SO
MCP2140-I/SO
MCP2140-I/SORVB
MCP2140T-I/SO
MCP2140T-I/SORVB
MCP23008-E/SO
MCP23008T-E/SO
MCP23S08-E/SO
MCP23S08T-E/SO
MCP2515-E/SO
MCP2515-E/SORB2
MCP2515-E/SORB4
MCP2515-I/SO
MCP2515-I/SORB2
MCP2515-I/SORB4
MCP2515T-E/SO
MCP2515T-E/SORB2
MCP2515T-E/SORB4

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
MCP2515T-I/SO
MCP2515T-I/SORB2
MCP2515T-I/SORB4
MCV18A-I/SO
MCV18E-I/SO
PIC16C54C-04/SO
PIC16C54C-04/SOC04
PIC16C54C-04E/SO
PIC16C54C-04I/SO
PIC16C54C-20/SO
PIC16C54C-20E/SO
PIC16C54C-20I/SO
PIC16C54C-40/SO
PIC16C54CT-04/SO
PIC16C54CT-04/SO098
PIC16C54CT-04I/SO
PIC16C54CT-04I/SO104
PIC16C54CT-04I/SO158
PIC16C54CT-20/SO
PIC16C54CT-20/SO068
PIC16C56A-04/SO
PIC16C56A-04E/SO
PIC16C56A-04I/SO
PIC16C56A-20/SO
PIC16C56A-20E/SO
PIC16C56A-20I/SO
PIC16C56A-40/SO
PIC16C56AT-04/SO
PIC16C56AT-04/SO027
PIC16C56AT-04I/SO
PIC16C56AT-04I/SO030
PIC16C56AT-04I/SO034
PIC16C56AT-04I/SO040
PIC16C58B-04/SO
PIC16C58B-04E/SO
PIC16C58B-04I/SO
PIC16C58B-20/SO
PIC16C58B-20E/SO
PIC16C58B-20I/SO
PIC16C58B-40/SO
PIC16C58BT-04/SO
PIC16C58BT-04I/SO
PIC16C58BT-04I/SO080

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16C620A-04/SO
PIC16C620A-04E/SO
PIC16C620A-04I/SO
PIC16C620A-20/SO
PIC16C620A-20E/SO
PIC16C620A-20I/SO
PIC16C620A-40/SO
PIC16C620AT-04/SO
PIC16C620AT-04/SO058
PIC16C620AT-04I/SO
PIC16C620AT-04I/SO076
PIC16C620AT-04I/SO077
PIC16C620AT-20/SO
PIC16C620AT-20I/SO
PIC16C621A-04/SO
PIC16C621A-04E/SO
PIC16C621A-04I/SO
PIC16C621A-20/SO
PIC16C621A-20E/SO
PIC16C621A-20I/SO
PIC16C621A-40/SO
PIC16C621AT-04/SO
PIC16C621AT-04E/SO
PIC16C621AT-04I/SO
PIC16C621AT-04I/SO050
PIC16C621AT-04I/SO081
PIC16C621AT-04I/SO088
PIC16C621AT-20/SO
PIC16C621AT-20I/SO
PIC16C621AT-20I/SO051
PIC16C621AT-20I/SO060
PIC16C621AT-20I/SO086
PIC16C622A-04/SO
PIC16C622A-04E/SO
PIC16C622A-04I/SO
PIC16C622A-20/SO
PIC16C622A-20E/SO
PIC16C622A-20I/SO
PIC16C622A-40/SO
PIC16C622AT-04/SO
PIC16C622AT-04E/SO
PIC16C622AT-04I/SO
PIC16C622AT-04I/SO091



KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16C622AT-04I/SO092
PIC16C622AT-04I/SO093
PIC16C622AT-04I/SO094
PIC16C622AT-20/SO
PIC16C622AT-20/SOC03
PIC16C622AT-20E/SO
PIC16C622AT-20I/SO
PIC16CR54CT-20/SO012
PIC16CR58B-04/SO056
PIC16CR58B-04/SO062
PIC16CR58BT-04/SO074
PIC16CR620AT-04I/SO020
PIC16F1826-E/SO
PIC16F1826-I/SO
PIC16F1826T-E/SO
PIC16F1826T-I/SO
PIC16F1826T-I/SO027
PIC16F1827-E/SO
PIC16F1827-I/SO
PIC16F1827-I/SOC06
PIC16F1827T-E/SO
PIC16F1827T-I/SO
PIC16F1827T-I/SOC06
PIC16F1847-E/SO
PIC16F1847-I/SO
PIC16F1847-I/SOC02
PIC16F1847T-E/SO
PIC16F1847T-I/SO
PIC16F1847T-I/SOC02
PIC16F54-E/SO
PIC16F54-I/SO
PIC16F54-I/SO023
PIC16F54-I/SO034
PIC16F54-I/SO043
PIC16F54T-E/SO
PIC16F54T-E/SO039
PIC16F54T-E/SO040
PIC16F54T-I/SO
PIC16F54T-I/SO028
PIC16F54T-I/SO034
PIC16F54T-I/SO036
PIC16F54T-I/SO042
PIC16F54T-I/SO043

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16F627A-E/SO
PIC16F627A-I/SO
PIC16F627AT-E/SO
PIC16F627AT-I/SO
PIC16F627AT-I/SO034
PIC16F628A-E/SO
PIC16F628A-I/SO
PIC16F628AT-E/SO
PIC16F628AT-I/SO
PIC16F628AT-I/SO051
PIC16F628AT-I/SO052
PIC16F716-E/SO
PIC16F716-I/SO
PIC16F716-I/SO4AP
PIC16F716T-E/SO
PIC16F716T-I/SO
PIC16F716T-I/SO048
PIC16F716T-I/SO061
PIC16LC54C-04/SO
PIC16LC54C-04I/SO
PIC16LC54CT-04/SO150
PIC16LC56A-04/SO
PIC16LC56A-04I/SO
PIC16LC58B-04/SO
PIC16LC58B-04I/SO
PIC16LC620A-04/SO
PIC16LC620A-04I/SO
PIC16LC620AT-04/SO
PIC16LC621A-04/SO
PIC16LC621A-04I/SO
PIC16LC621AT-04/SO
PIC16LC621AT-04I/SO
PIC16LC622A-04/SO
PIC16LC622A-04E/SO
PIC16LC622A-04I/SO
PIC16LC622AT-04/SO
PIC16LC622AT-04I/SO
PIC16LCR58BT-04I/SO053
PIC16LF1826-E/SO
PIC16LF1826-I/SO
PIC16LF1826T-I/SO
PIC16LF1827-E/SO
PIC16LF1827-I/SO

KSRA-01ZVUK607 - CCB 3217 and 3217.001 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site

Affected Catalog Part Numbers (CPN)

<b>PCN_KSRA-01ZVUK607</b>
<b>CATALOG_PART_NBR</b>
PIC16LF1827T-I/SO
PIC16LF1827T-I/SOC02
PIC16LF1847-E/SO
PIC16LF1847-I/SO
PIC16LF1847T-I/SO
PIC16LF627A-I/SO
PIC16LF627A-I/SOC12
PIC16LF627AT-I/SO
PIC16LF628A-I/SO
PIC16LF628AT-I/SO



**MICROCHIP**

## **QUALIFICATION PLAN SUMMARY**

**PCN#: KSRA-01ZVUK607**

**Date:  
January 24, 2018**

**Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 28L SOIC package at MTAI assembly site. The 18L SOIC package will qualify by similarity.**

**Purpose: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire in selected products available in 18L and 28L SOIC package at MTAI assembly site. The 18L SOIC package will qualify by similarity.**

**CCB No. : 3217 and 3217.001**

<b>Misc.</b>	<b>Assembly site</b>	<b>MTAI</b>
	<b>BD Number</b>	<b>BDM-001617</b>
	<b>MP Code (MPC)</b>	<b>A5AF1</b>
	<b>Part Number (CPN)</b>	<b>PIC16F876</b>
<b>Lead-Frame</b>	<b>Paddle size</b>	<b>200x240 mils</b>
	<b>Material</b>	<b>CDA194</b>
	<b>Surface</b>	<b>Bare Cu paddle</b>
	<b>Treatment</b>	<b>Roughening</b>
	<b>Process</b>	<b>Stamped</b>
	<b>Lead-lock</b>	<b>No</b>
	<b>Part Number</b>	<b>10102807</b>
	<b>Lead Plating</b>	<b>Matte Tin</b>
<b>Bond Wire</b>	<b>Material</b>	<b>CuPdAu</b>
<b>Die Attach</b>	<b>Part Number</b>	<b>3280</b>
	<b>Conductive</b>	<b>Yes</b>
<b>MC</b>	<b>Part Number</b>	<b>G600</b>
<b>PKG</b>	<b>PKG Type</b>	<b>SOIC</b>
	<b>Pin/Ball Count</b>	<b>28</b>
	<b>PKG width/size</b>	<b>300 mils</b>
<b>Die</b>	<b>Die Thickness</b>	<b>15 mils</b>
	<b>Die Size</b>	<b>199.6 x 179.2 mils</b>

Test Name	Conditions	Sample Size	Min. Qty of Spares per Lot (should be properly marked)	Qty of Lots	Total Units	Fail Accept Qty	Est. Dur. Days	Start Date	End Date	Test Site	Pkg. Type	Special Instructions
Wire Bond Pull - WBP	Mil. Std. 883-2011	5	0	1	5	0 fails after TC	5			MTAI		30 bonds from a min. 5 devices.
Wire Bond Shear - WBS	CDF-AEC-Q100-001	5	0	1	5		5			MTAI		30 bonds from a min. 5 devices.
External Visual	Mil. Std. 883-2009/2010	All devices prior to submission for qualification testing	0	3	ALL	0	5			MTAI		
HTSL (High Temp Storage Life)	+175 C for 504 hours or 150°C for 1008 hrs. Electrical test pre and post stress at +25C and hot temp.	45	5	1	50	0	10			MTAI		Must be in progress at time of package release to production, but completion is not required for release to production
Preconditioning - Required for surface mount devices	+150°C Bake for 24 hours, moisture loading requirements per MSL level + 3X reflow at peak reflow temperature per Jedec-STD-020E for package type; Electrical test pre and post stress at +25°C. MSL1/260	231	15	3	738	0	15			MTAI		Spares should be properly identified. 77 parts from each lot to be used for HAST, Autoclave, Temp Cycle test.
HAST	+130°C/85% RH for 96 Electrical test pre and post stress at +25°C and hot temp.	77	5	3	246	0	10			MTAI		Spares should be properly identified. Use the parts which have gone through Pre-conditioning.
UHAST	+130°C/85% RH for 96 Electrical test pre and post stress at +25°C	77	5	3	246	0	10			MTAI		Spares should be properly identified. Use the parts which have gone through Pre-conditioning.
Temp Cycle	-65°C to +150°C for 500 cycles. Electrical test pre and post stress at hot temp; 3 gram force WBP, on 5 devices from 1 lot, test following Temp Cycle stress.	77	5	3	246	0	15			MTAI		Spares should be properly identified. Use the parts which have gone through Pre-conditioning.