

Product Change Notification - JAON-10GTAH636

Date: 17 Nov 2017

Product Category: 16-Bit - Microcontrollers and Digital Signal Controllers; 32-bit PIC Microcontrollers; 8-bit PIC Microcontrollers; Ethernet Controllers; Interface- Serial Peripherals; Interface- Controller Area Network (CAN); Energy Measurement; Wireless Modules; Capacitive Touch Sensors

Notification subject: CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Notification text: **PCN Status:** Final 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 MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Pre Change: Assembled at MTAI or ANAP assembly sites.

Post Change: Assembled at MTAI or ANAP or MMT assembly sites.

Pre and Post Change Summary:

	Pre Change			Post Change		
	Microchip Technology Thailand - HQ (MTAI)	Amkor Philippines (ANAP)	Microchip Technology Thailand - HQ (MTAI)	Amkor Philippines (ANAP)	Microchip Technology Thailand - Branch (MMT)	
Assembly Site	Microchip Technology Thailand - HQ (MTAI)	Amkor Philippines (ANAP)	Microchip Technology Thailand - HQ (MTAI)	Amkor Philippines (ANAP)	Microchip Technology Thailand - Branch (MMT)	
Wire material	Au Wire	Au Wire	Au Wire	Au Wire	Au Wire	
Die attach material	3280 8390A	8290	3280 8390A	8290	8390A	
Molding compound material	G600	G600	G600	G600	G600	
Lead frame material	CDA194	CDA194	CDA194	CDA194	CDA194	

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve productivity by qualifying MMT as an additional assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: December 17, 2017 (date code: 1751)

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

Time Table Summary:

	July 2017				V I	November 2017				December 2017				
	27	28	29	30		44	45	46	47	48	49	50	51	52
Workweek														
Initial PCN Issue Date		X												
Qual Report Availability							X							
Final PCN Issue Date							X							
Estimated Implementation 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:
July 14, 2017: Issued initial notification.
November 17, 2017: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on December 17, 2017

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_JAON-10GTAH636_Affected CPN.pdf](#)
[PCN_JAON-10GTAH636_Qual_Report.pdf](#)
[PCN_JAON-10GTAH636_Affected CPN.xls](#)

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

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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."

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
C0001RIC00-I/SS
C0001RIC00T-I/SS
C0003RIC03T-I/SS028
C0026RIC01-I/SS029
C0026RIC01T-I/SS029
DSPIC33EP128GP502-E/SS
DSPIC33EP128GP502-I/SS
DSPIC33EP128MC202-I/SS
DSPIC33EP128MC502-E/SS
DSPIC33EP128MC502-I/SS
DSPIC33EP128MC502T-E/SS
DSPIC33EP16GS202-E/SS
DSPIC33EP16GS202-E/SSC03
DSPIC33EP16GS202-I/SS
DSPIC33EP16GS202T-E/SS
DSPIC33EP16GS202T-I/SS
DSPIC33EP256GP502-E/SS
DSPIC33EP256GP502-H/SS
DSPIC33EP256GP502-I/SS
DSPIC33EP256GP502T-E/SS
DSPIC33EP256GP502T-H/SS
DSPIC33EP256GP502T-I/SS
DSPIC33EP256MC202-E/SS
DSPIC33EP256MC202-H/SS
DSPIC33EP256MC202-I/SS
DSPIC33EP256MC202T-E/SS
DSPIC33EP256MC202T-H/SS
DSPIC33EP256MC202T-I/SS
DSPIC33EP256MC502-E/SS
DSPIC33EP256MC502-H/SS
DSPIC33EP256MC502-I/SS
DSPIC33EP256MC502T-E/SS
DSPIC33EP256MC502T-H/SS
DSPIC33EP256MC502T-I/SS
DSPIC33EP32GP502-E/SS
DSPIC33EP32GP502-H/SS
DSPIC33EP32GP502-I/SS
DSPIC33EP32GP502T-E/SS
DSPIC33EP32GP502T-H/SS
DSPIC33EP32GP502T-I/SS
DSPIC33EP32GS202-E/SS
DSPIC33EP32GS202-I/SS
DSPIC33EP32GS202T-E/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
DSPIC33EP32GS202T-I/SS
DSPIC33EP32MC202-E/SS
DSPIC33EP32MC202-H/SS
DSPIC33EP32MC202-I/SS
DSPIC33EP32MC202T-E/SS
DSPIC33EP32MC202T-H/SS
DSPIC33EP32MC202T-I/SS
DSPIC33EP32MC202T-I/SS020
DSPIC33EP32MC502-E/SS
DSPIC33EP32MC502-H/SS
DSPIC33EP32MC502-I/SS
DSPIC33EP32MC502T-E/SS
DSPIC33EP32MC502T-H/SS
DSPIC33EP64GP502-E/SS
DSPIC33EP64GP502-I/SS
DSPIC33EP64GP502T-I/SS
DSPIC33EP64MC202-E/SS
DSPIC33EP64MC202-I/SS
DSPIC33EP64MC202T-E/SS
DSPIC33EP64MC202T-E/SSC05
DSPIC33EP64MC202T-I/SS
DSPIC33EP64MC502-E/SS
DSPIC33EP64MC502-I/SS
DSPIC33EP64MC502T-E/SS
DSPIC33EP64MC502T-H/SS
DSPIC33EP64MC502T-I/SS
DSPIC33EV128GM002-E/SS
DSPIC33EV128GM002-H/SS
DSPIC33EV128GM002-I/SS
DSPIC33EV128GM102-E/SS
DSPIC33EV128GM102-H/SS
DSPIC33EV128GM102-I/SS
DSPIC33EV256GM002-E/SS
DSPIC33EV256GM002-H/SS
DSPIC33EV256GM002-I/SS
DSPIC33EV256GM102-E/SS
DSPIC33EV256GM102-H/SS
DSPIC33EV256GM102-I/SS
DSPIC33EV32GM002-E/SS
DSPIC33EV32GM002-H/SS
DSPIC33EV32GM002-I/SS
DSPIC33EV32GM102-E/SS
DSPIC33EV32GM102-H/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
DSPIC33EV32GM102-I/SS
DSPIC33EV64GM002-E/SS
DSPIC33EV64GM002-H/SS
DSPIC33EV64GM002-I/SS
DSPIC33EV64GM102-E/SS
DSPIC33EV64GM102-H/SS
DSPIC33EV64GM102-I/SS
DSPIC33FJ06GS102A-I/SS
DSPIC33FJ06GS202A-I/SS
DSPIC33FJ09GS302-E/SS
DSPIC33FJ09GS302-I/SS
DSPIC33FJ12GP202-E/SS
DSPIC33FJ12GP202-I/SS
DSPIC33FJ12GP202T-E/SS
DSPIC33FJ12GP202T-I/SS
DSPIC33FJ12MC202-E/SS
DSPIC33FJ12MC202-I/SS
DSPIC33FJ12MC202T-E/SS
DSPIC33FJ12MC202T-I/SS
DSPIC33FJ16GP102-I/SS
DSPIC33FJ16MC102-E/SS
DSPIC33FJ16MC102-I/SS
DSPIC33FJ16MC102T-I/SS
DSPIC33FJ32GP102-I/SS
DSPIC33FJ32GP202-E/SS
DSPIC33FJ32GP202-I/SS
DSPIC33FJ32GP202T-E/SS
DSPIC33FJ32GP202T-I/SS
DSPIC33FJ32MC102-I/SS
DSPIC33FJ32MC202-E/SS
DSPIC33FJ32MC202-E/SSC25
DSPIC33FJ32MC202-I/SS
DSPIC33FJ32MC202-I/SSC24
DSPIC33FJ32MC202T-E/SS
DSPIC33FJ32MC202T-I/SS
ENC28J60/SS
ENC28J60-I/SS
ENC28J60T/SS
ENC28J60T-I/SS
HA0130-I/SS
HA0130T-I/SS
HA1018-I/SS
HA1127-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
HA1127T-I/SS
HA1138-I/SS
HA1138T-I/SS
HA1631-I/SO
HA1631T-I/SO
HA1839-I/SS
HA1839T-I/SS
HA1930C-I/SS
HA1930-I/SS
HA1930T-I/SS
HA2003-I/SS
HA4315T-I/SS
HA4315T-I/SS022
MCP23016-I/SS
MCP23016T-I/SS
MCP23017-E/SS
MCP23017T-E/SS
MCP23S17-E/SS
MCP23S17T-E/SS
MCP25625-E/SS
MCP25625T-E/SS
MCP3903-E/SS
MCP3903-I/SS
MCP3903T-E/SS
MCP3903T-I/SS
MCP3912A1-E/SS
MCP3912A1T-E/SS
MCP3913A1-E/SS
MCP3913A1T-E/SS
MCP3919A1-E/SS
MCP3919A1T-E/SS
MCV282B-I/SS
MCV283B-I/SS
MCV283BT-I/SS
MCW1001A-I/SS
MCWA01-I/SS800
MCWA01T-I/SS800
MGC3030-I/SS
MGC3030T-I/SS
MTCH6102-I/SS
MTCH6102T-I/SS
MTCH650/SS
MTCH650-I/SS

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PCN_JAON-10GTAH636
CATALOG_PART_NBR
MTCH650T/SS
MTCH650T-I/SS
MTCH652/SS
MTCH652-I/SS
MTCH652T/SS
MTCH652T-I/SS
MTR5010-I/SS
MTR5010T-I/SS
MTR9833-I/SS
MTR9833T-I/SS
PIC16C55-10/SS
PIC16C55-10I/SS
PIC16C55A-04/SS
PIC16C55A-04I/SS
PIC16C55A-20/SS
PIC16C55A-20E/SS
PIC16C55A-20I/SS
PIC16C55A-40/SS
PIC16C55AT-04/SS
PIC16C55AT-04I/SS
PIC16C55AT-20/SS022
PIC16C55AT-20/SS036
PIC16C55AT-20I/SS
PIC16C55-HS/SS
PIC16C55-HSI/SS
PIC16C55-LP/SS
PIC16C55-LPI/SS
PIC16C55-RC/SS
PIC16C55-RCI/SS
PIC16C55-XT/SS
PIC16C55-XTI/SS
PIC16C57-10/SS
PIC16C57C-04/SS
PIC16C57C-04I/SS
PIC16C57C-20/SS
PIC16C57C-20E/SS
PIC16C57C-20I/SS
PIC16C57C-40/SS
PIC16C57CT-04I/SS
PIC16C57CT-04I/SS042
PIC16C57CT-20/SS
PIC16C57-HS/SS
PIC16C57-HSI/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16C57-LP/SS
PIC16C57-LPI/SS
PIC16C57-RC/SS
PIC16C57-RCI/SS
PIC16C57T-HSI/SS
PIC16C57T-LP/SS
PIC16C57-XT/SS
PIC16C57-XTI/SS
PIC16C62A-04/SS
PIC16C62A-20/SS
PIC16C62A-20I/SS
PIC16C62B-04/SS
PIC16C62B-04I/SS
PIC16C62B-20/SS
PIC16C62B-20I/SS
PIC16C62BT-04I/SS
PIC16C62BT-20I/SS
PIC16C63A-04/SS
PIC16C63A-04I/SS
PIC16C63A-20/SS
PIC16C63A-20E/SS
PIC16C63A-20I/SS
PIC16C63AT-04/SS
PIC16C63AT-20I/SS
PIC16C72-04I/SS
PIC16C72-10I/SS
PIC16C72A-04/SS
PIC16C72A-04E/SS
PIC16C72A-04I/SS
PIC16C72A-20/SS
PIC16C72A-20I/SS
PIC16C72AT-04/SS
PIC16C72AT-20I/SS
PIC16C72T-20I/SS
PIC16C73B-04/SS
PIC16C73B-04I/SS
PIC16C73B-20/SS
PIC16C73B-20E/SS
PIC16C73B-20I/SS
PIC16C773/SS
PIC16C773-E/SS
PIC16C773-I/SS
PIC16C773T/SS

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PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16C773T-I/SS
PIC16F1512-E/SS
PIC16F1512-I/SS
PIC16F1512-I/SSC03
PIC16F1512-I/SSC04
PIC16F1512T-I/SS
PIC16F1512T-I/SSC03
PIC16F1512T-I/SSC04
PIC16F1513-E/SS
PIC16F1513-I/SS
PIC16F1513T-E/SS
PIC16F1513T-I/SS
PIC16F1516-E/SS
PIC16F1516-I/SS
PIC16F1516-I/SS024
PIC16F1516-I/SSC01
PIC16F1516-I/SSC02
PIC16F1516T-E/SS
PIC16F1516T-I/SS
PIC16F1516T-I/SS021
PIC16F1516T-I/SS022
PIC16F1516T-I/SS024
PIC16F1516T-I/SS025
PIC16F1516T-I/SSC01
PIC16F1516T-I/SSC02
PIC16F1518-E/SS
PIC16F1518-I/SS
PIC16F1518T-I/SS
PIC16F15354-E/SS
PIC16F15354-I/SS
PIC16F15354T-I/SS
PIC16F15355-E/SS
PIC16F15355-I/SS
PIC16F15355T-I/SS
PIC16F15356-E/SS
PIC16F15356-I/SS
PIC16F15356T-I/SS
PIC16F1713-E/SS
PIC16F1713-I/SS
PIC16F1713T-I/SS
PIC16F1716-E/SS
PIC16F1716-I/SS
PIC16F1716T-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16F1718-E/SS
PIC16F1718-I/SS
PIC16F1718T-I/SS
PIC16F1773-E/SS
PIC16F1773-I/SS
PIC16F1773T-I/SS
PIC16F1776-E/SS
PIC16F1776-I/SS
PIC16F1776T-I/SS
PIC16F1782-E/SS
PIC16F1782-I/SS
PIC16F1782T-E/SS
PIC16F1782T-I/SS
PIC16F1783-E/SS
PIC16F1783-I/SS
PIC16F1783T-I/SS
PIC16F1786-E/SS
PIC16F1786-I/SS
PIC16F1786T-I/SS
PIC16F1788-E/SS
PIC16F1788-I/SS
PIC16F1788-I/SSC01
PIC16F1788T-E/SS
PIC16F1788T-I/SS
PIC16F1788T-I/SS023
PIC16F1788T-I/SSC01
PIC16F18854-E/SS
PIC16F18854-I/SS
PIC16F18854T-E/SS
PIC16F18854T-I/SS
PIC16F18855-E/SS
PIC16F18855-I/SS
PIC16F18855T-I/SS
PIC16F18856-E/SS
PIC16F18856-I/SS
PIC16F18856T-E/SS
PIC16F18856T-I/SS
PIC16F18857-E/SS
PIC16F18857-I/SS
PIC16F18857T-E/SS
PIC16F18857T-I/SS
PIC16F19155-E/SS
PIC16F19155-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16F19155T-I/SS
PIC16F19156-E/SS
PIC16F19156-I/SS
PIC16F19156T-I/SS
PIC16F1933-E/SS
PIC16F1933-I/SS
PIC16F1933-I/SSC01
PIC16F1933T-E/SS
PIC16F1933T-I/SS
PIC16F1936-E/SS
PIC16F1936-I/SS
PIC16F1936-I/SS029
PIC16F1936-I/SSC01
PIC16F1936-I/SSC03
PIC16F1936T-E/SS
PIC16F1936T-I/SS
PIC16F1936T-I/SSC03
PIC16F1938-E/SS
PIC16F1938-I/SS
PIC16F1938-I/SSC03
PIC16F1938T-E/SS
PIC16F1938T-I/SS
PIC16F1938T-I/SSC03
PIC16F570-E/SS
PIC16F570-I/SS
PIC16F570T-I/SS
PIC16F57-E/SS
PIC16F57-I/SS
PIC16F57T-E/SS
PIC16F57T-I/SS
PIC16F57T-I/SS024
PIC16F57T-I/SS025
PIC16F57T-I/SS027
PIC16F722A-E/SS
PIC16F722A-I/SS
PIC16F722A-I/SS023
PIC16F722AT-E/SS
PIC16F722AT-I/SS
PIC16F722AT-I/SS020
PIC16F722AT-I/SS021
PIC16F722AT-I/SS022
PIC16F722AT-I/SS024
PIC16F722-E/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16F722-I/SS
PIC16F722T-E/SS
PIC16F722T-I/SS
PIC16F723A-E/SS
PIC16F723A-I/SS
PIC16F723AT-E/SS
PIC16F723AT-I/SS
PIC16F723-E/SS
PIC16F723-I/SS
PIC16F723T-E/SS
PIC16F723T-I/SS
PIC16F726-E/SS
PIC16F726-I/SS
PIC16F726-I/SS035
PIC16F726-I/SS040
PIC16F726-I/SS06
PIC16F726T-E/SS
PIC16F726T-I/SS
PIC16F726T-I/SS021
PIC16F726T-I/SS022
PIC16F726T-I/SS024
PIC16F726T-I/SS025
PIC16F726T-I/SS026
PIC16F726T-I/SS027
PIC16F726T-I/SS028
PIC16F726T-I/SS029
PIC16F726T-I/SS030
PIC16F726T-I/SS031
PIC16F726T-I/SS032
PIC16F726T-I/SS034
PIC16F726T-I/SS036
PIC16F726T-I/SS037
PIC16F726T-I/SS038
PIC16F726T-I/SS039
PIC16F726T-I/SS06
PIC16F72-E/SS
PIC16F72-I/SS
PIC16F72-I/SS085
PIC16F72T-E/SS
PIC16F72T-I/SS
PIC16F72T-I/SS085
PIC16F737-I/SS
PIC16F737T-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16F73-E/SS
PIC16F73-I/SS
PIC16F73T-E/SS
PIC16F73T-I/SS
PIC16F73T-I/SS155
PIC16F73T-I/SSC15
PIC16F767-E/SS
PIC16F767-I/SS
PIC16F767T-I/SS
PIC16F76-E/SS
PIC16F76-I/SS
PIC16F76T-E/SS
PIC16F76T-I/SS
PIC16F870-E/SS
PIC16F870-I/SS
PIC16F870T-E/SS
PIC16F870T-I/SS
PIC16F872-E/SS
PIC16F872-I/SS
PIC16F872T-I/SS
PIC16F872T-I/SS034
PIC16F873A-E/SS
PIC16F873A-I/SS
PIC16F873AT-I/SS
PIC16F876A-E/SS
PIC16F876A-I/SS
PIC16F876AT-E/SS
PIC16F876AT-I/SS
PIC16F876AT-I/SSC36
PIC16F882-E/SS
PIC16F882-I/SS
PIC16F882T-E/SS
PIC16F882T-I/SS
PIC16F883-E/SS
PIC16F883-I/SS
PIC16F883-I/SS046
PIC16F883-I/SS063
PIC16F883-I/SS064
PIC16F883T-E/SS
PIC16F883T-I/SS
PIC16F883T-I/SS022
PIC16F883T-I/SS063
PIC16F883T-I/SS064

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16F883T-I/SS070
PIC16F883T-I/SS071
PIC16F886-E/SS
PIC16F886-I/SS
PIC16F886T-E/SS
PIC16F886T-I/SS
PIC16F886T-I/SS026
PIC16F886T-I/SS052
PIC16F886T-I/SS056
PIC16F886T-I/SSC07
PIC16F913-E/SS
PIC16F913-I/SS
PIC16F913T-E/SS
PIC16F913T-I/SS
PIC16F913T-I/SS025
PIC16F913T-I/SS027
PIC16F913T-I/SS032
PIC16F916-E/SS
PIC16F916-I/SS
PIC16F916-I/SS035
PIC16F916T-I/SS
PIC16F916T-I/SS028
PIC16F916T-I/SS029
PIC16F916T-I/SS031
PIC16F916T-I/SS033
PIC16F916T-I/SS035
PIC16LC55A-04I/SS
PIC16LC57C-04/SS
PIC16LC57C-04I/SS
PIC16LC57CT-04I/SS
PIC16LC62A-04/SS
PIC16LC62A-04I/SS
PIC16LC62B-04/SS
PIC16LC62B-04I/SS
PIC16LC62BT-04I/SS
PIC16LC63A-04/SS
PIC16LC63A-04I/SS
PIC16LC63AT-04I/SS
PIC16LC72-04/SS
PIC16LC72A-04I/SS
PIC16LC72AT-04I/SS
PIC16LC73B-04/SS
PIC16LC73B-04I/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16LC773/SS
PIC16LC773-I/SS
PIC16LF1512-E/SS
PIC16LF1512-I/SS
PIC16LF1512T-I/SS
PIC16LF1513-E/SS
PIC16LF1513-I/SS
PIC16LF1513T-I/SS
PIC16LF1516-E/SS
PIC16LF1516-I/SS
PIC16LF1516-I/SSC04
PIC16LF1516T-I/SS
PIC16LF1516T-I/SSC04
PIC16LF1518-E/SS
PIC16LF1518-I/SS
PIC16LF1518T-I/SS
PIC16LF15354-E/SS
PIC16LF15354-I/SS
PIC16LF15354T-I/SS
PIC16LF15355-E/SS
PIC16LF15355-I/SS
PIC16LF15355T-I/SS
PIC16LF15356-E/SS
PIC16LF15356-I/SS
PIC16LF15356T-I/SS
PIC16LF1566-E/SS
PIC16LF1566-I/SS
PIC16LF1566T-I/SS
PIC16LF1713-E/SS
PIC16LF1713-I/SS
PIC16LF1713T-I/SS
PIC16LF1716-E/SS
PIC16LF1716-I/SS
PIC16LF1716T-I/SS
PIC16LF1718-E/SS
PIC16LF1718-I/SS
PIC16LF1718T-I/SS
PIC16LF1773-E/SS
PIC16LF1773-I/SS
PIC16LF1773T-I/SS
PIC16LF1776-E/SS
PIC16LF1776-I/SS
PIC16LF1776T-I/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16LF1782-E/SS
PIC16LF1782-I/SS
PIC16LF1782T-I/SS
PIC16LF1783-E/SS
PIC16LF1783-I/SS
PIC16LF1783-I/SSC01
PIC16LF1783-I/SSC02
PIC16LF1783T-I/SS
PIC16LF1783T-I/SSC01
PIC16LF1783T-I/SSC02
PIC16LF1786-E/SS
PIC16LF1786-I/SS
PIC16LF1786T-I/SS
PIC16LF1788-E/SS
PIC16LF1788-I/SS
PIC16LF1788T-I/SS
PIC16LF18854-E/SS
PIC16LF18854-I/SS
PIC16LF18854T-I/SS
PIC16LF18855-E/SS
PIC16LF18855-I/SS
PIC16LF18855T-I/SS
PIC16LF18856-E/SS
PIC16LF18856-I/SS
PIC16LF18856T-I/SS
PIC16LF18857-E/SS
PIC16LF18857-I/SS
PIC16LF18857T-I/SS
PIC16LF1902-E/SS
PIC16LF1902-I/SS
PIC16LF1902T-I/SS
PIC16LF1903-E/SS
PIC16LF1903-I/SS
PIC16LF1903T-I/SS
PIC16LF1906-E/SS
PIC16LF1906-I/SS
PIC16LF1906T-I/SS
PIC16LF19155-E/SS
PIC16LF19155-I/SS
PIC16LF19155T-I/SS
PIC16LF19156-E/SS
PIC16LF19156-I/SS
PIC16LF19156T-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16LF1933-E/SS
PIC16LF1933-I/SS
PIC16LF1933T-E/SS
PIC16LF1933T-I/SS
PIC16LF1936-E/SS
PIC16LF1936-I/SS
PIC16LF1936T-I/SS
PIC16LF1938-E/SS
PIC16LF1938-I/SS
PIC16LF1938T-I/SS
PIC16LF1938T-I/SS020
PIC16LF1938T-I/SS022
PIC16LF1938T-I/SS024
PIC16LF722A-E/SS
PIC16LF722A-I/SS
PIC16LF722AT-I/SS
PIC16LF722-E/SS
PIC16LF722-I/SS
PIC16LF722T-I/SS
PIC16LF723A-E/SS
PIC16LF723A-I/SS
PIC16LF723A-I/SS021
PIC16LF723A-I/SSC01
PIC16LF723A-I/SSC02
PIC16LF723AT-I/SS
PIC16LF723AT-I/SS020
PIC16LF723AT-I/SS021
PIC16LF723AT-I/SS023
PIC16LF723AT-I/SS024
PIC16LF723AT-I/SS025
PIC16LF723AT-I/SS026
PIC16LF723AT-I/SS027
PIC16LF723AT-I/SSC02
PIC16LF723-E/SS
PIC16LF723-I/SS
PIC16LF723T-I/SS
PIC16LF726-E/SS
PIC16LF726-I/SS
PIC16LF726-I/SSC02
PIC16LF726T-I/SS
PIC16LF726T-I/SS020
PIC16LF726T-I/SS021
PIC16LF726T-I/SS022

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC16LF726T-I/SS023
PIC16LF72-I/SS
PIC16LF72T-I/SS
PIC16LF737-I/SS
PIC16LF737T-I/SS
PIC16LF737T-I/SS021
PIC16LF73-I/SS
PIC16LF73T-I/SS
PIC16LF767-I/SS
PIC16LF767T-I/SS
PIC16LF76-I/SS
PIC16LF76T-I/SS
PIC16LF870-I/SS
PIC16LF870T-I/SS
PIC16LF872-I/SS
PIC16LF872T-I/SS
PIC16LF873A-I/SS
PIC16LF873AT-I/SS
PIC16LF876A-I/SS
PIC16LF876AT-I/SS
PIC16LF876AT-I/SSC26
PIC18F2221-E/SS
PIC18F2221-I/SS
PIC18F2221T-I/SS
PIC18F2321-E/SS
PIC18F2321-I/SS
PIC18F2321T-E/SS
PIC18F23K20-E/SS
PIC18F23K20-I/SS
PIC18F23K20T-E/SS
PIC18F23K20T-I/SS
PIC18F23K22-E/SS
PIC18F23K22-I/SS
PIC18F23K22T-E/SS
PIC18F23K22T-I/SS
PIC18F24J10-I/SS
PIC18F24J10T-I/SS
PIC18F24J11-I/SS
PIC18F24J11T-I/SS
PIC18F24J50-I/SS
PIC18F24J50T-I/SS
PIC18F24K20-E/SS
PIC18F24K20-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC18F24K20-I/SSC03
PIC18F24K20T-E/SS
PIC18F24K20T-I/SS
PIC18F24K20T-I/SS031
PIC18F24K20T-I/SSC01
PIC18F24K20T-I/SSC03
PIC18F24K20T-I/SSC04
PIC18F24K20T-I/SSHP2
PIC18F24K22-E/SS
PIC18F24K22-I/SS
PIC18F24K22T-I/SS
PIC18F24K40-E/SS
PIC18F24K40-I/SS
PIC18F24K40T-I/SS
PIC18F24K42-E/SS
PIC18F24K42-I/SS
PIC18F24K42T-I/SS
PIC18F24K50-E/SS
PIC18F24K50-I/SS
PIC18F24K50T-I/SS
PIC18F25J10-I/SS
PIC18F25J10T-I/SS
PIC18F25J11-I/SS
PIC18F25J11T-I/SS
PIC18F25J50-I/SS
PIC18F25J50-I/SS022
PIC18F25J50-I/SS024
PIC18F25J50-I/SS027
PIC18F25J50-I/SS028
PIC18F25J50-I/SS029
PIC18F25J50-I/SS030
PIC18F25J50T-I/SS
PIC18F25K20-E/SS
PIC18F25K20-E/SSC13
PIC18F25K20-E/SSC14
PIC18F25K20-I/SS
PIC18F25K20-I/SSC01
PIC18F25K20-I/SSC09
PIC18F25K20-I/SSC15
PIC18F25K20-I/SSLPR
PIC18F25K20T-E/SS
PIC18F25K20T-E/SSC13
PIC18F25K20T-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC18F25K20T-I/SS028
PIC18F25K20T-I/SSC01
PIC18F25K20T-I/SSC09
PIC18F25K20T-I/SSC15
PIC18F25K20T-I/SSC17
PIC18F25K22-E/SS
PIC18F25K22-I/SS
PIC18F25K22T-E/SS
PIC18F25K22T-I/SS
PIC18F25K40-E/SS
PIC18F25K40-I/SS
PIC18F25K40-I/SSC01
PIC18F25K40T-I/SS
PIC18F25K42-E/SS
PIC18F25K42-I/SS
PIC18F25K42T-I/SS
PIC18F25K50-E/SS
PIC18F25K50-I/SS
PIC18F25K50T-I/SS
PIC18F25K80-E/SS
PIC18F25K80-H/SS
PIC18F25K80-I/SS
PIC18F25K80T-E/SS
PIC18F25K80T-I/SS
PIC18F25K83-E/SS
PIC18F25K83-I/SS
PIC18F25K83T-I/SS
PIC18F26J11-I/SS
PIC18F26J11T-I/SS
PIC18F26J13-I/SS
PIC18F26J13T-I/SS
PIC18F26J50-I/SS
PIC18F26J50-I/SS020
PIC18F26J50T-I/SS
PIC18F26J50T-I/SS020
PIC18F26J50T-I/SS033
PIC18F26J50T-I/SS034
PIC18F26J53-I/SS
PIC18F26J53T-I/SS
PIC18F26K20-E/SS
PIC18F26K20-E/SSC04
PIC18F26K20-E/SSC05
PIC18F26K20-I/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC18F26K20-I/SSLPR
PIC18F26K20T-E/SS
PIC18F26K20T-E/SSC04
PIC18F26K20T-E/SSC05
PIC18F26K20T-I/SS
PIC18F26K20T-I/SS027
PIC18F26K20T-I/SS031
PIC18F26K20T-I/SS038
PIC18F26K20T-I/SS039
PIC18F26K20T-I/SS041
PIC18F26K20T-I/SS044
PIC18F26K20T-I/SSLPR
PIC18F26K22-E/SS
PIC18F26K22-I/SS
PIC18F26K22T-E/SS
PIC18F26K22T-I/SS
PIC18F26K40-E/SS
PIC18F26K40-I/SS
PIC18F26K40T-I/SS
PIC18F26K42-E/SS
PIC18F26K42-I/SS
PIC18F26K42T-I/SS
PIC18F26K80-E/SS
PIC18F26K80-H/SS
PIC18F26K80-I/SS
PIC18F26K80T-E/SS
PIC18F26K80T-H/SS
PIC18F26K80T-I/SS
PIC18F26K83-E/SS
PIC18F26K83-I/SS
PIC18F26K83T-I/SS
PIC18F27J13-I/SS
PIC18F27J13T-I/SS
PIC18F27J53-I/SS
PIC18F27J53T-I/SS
PIC18F27K40-E/SS
PIC18F27K40-I/SS
PIC18F27K40T-I/SS
PIC18LF2221-I/SS
PIC18LF2221T-I/SS
PIC18LF2321-I/SS
PIC18LF2321T-I/SS
PIC18LF23K22-E/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC18LF23K22-I/SS
PIC18LF23K22T-I/SS
PIC18LF24J10-I/SS
PIC18LF24J11-I/SS
PIC18LF24J11T-I/SS
PIC18LF24J50-I/SS
PIC18LF24J50T-I/SS
PIC18LF24K22-E/SS
PIC18LF24K22-I/SS
PIC18LF24K22T-I/SS
PIC18LF24K40-E/SS
PIC18LF24K40-I/SS
PIC18LF24K40T-I/SS
PIC18LF24K42-E/SS
PIC18LF24K42-I/SS
PIC18LF24K42T-I/SS
PIC18LF24K50-E/SS
PIC18LF24K50-I/SS
PIC18LF24K50T-I/SS
PIC18LF25J10-I/SS
PIC18LF25J10T-I/SS
PIC18LF25J10T-I/SS032
PIC18LF25J10T-I/SS033
PIC18LF25J10T-I/SS035
PIC18LF25J10T-I/SS038
PIC18LF25J10T-I/SS039
PIC18LF25J10T-I/SS040
PIC18LF25J10T-I/SS041
PIC18LF25J10T-I/SS042
PIC18LF25J11-I/SS
PIC18LF25J11T-I/SS
PIC18LF25J50-I/SS
PIC18LF25J50T-I/SS
PIC18LF25K22-E/SS
PIC18LF25K22-I/SS
PIC18LF25K22-I/SSC02
PIC18LF25K22T-E/SS
PIC18LF25K22T-I/SS
PIC18LF25K40-E/SS
PIC18LF25K40-I/SS
PIC18LF25K40T-I/SS
PIC18LF25K42-E/SS
PIC18LF25K42-I/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC18LF25K42T-I/SS
PIC18LF25K50-E/SS
PIC18LF25K50-I/SS
PIC18LF25K50T-I/SS
PIC18LF25K80-I/SS
PIC18LF25K80T-I/SS
PIC18LF25K83-E/SS
PIC18LF25K83-I/SS
PIC18LF25K83T-I/SS
PIC18LF26J11-I/SS
PIC18LF26J11T-I/SS
PIC18LF26J13-I/SS
PIC18LF26J13T-I/SS
PIC18LF26J50-I/SS
PIC18LF26J50T-I/SS
PIC18LF26J53-I/SS
PIC18LF26J53T-I/SS
PIC18LF26K22-E/SS
PIC18LF26K22-I/SS
PIC18LF26K22-I/SSC03
PIC18LF26K22T-E/SS
PIC18LF26K22T-I/SS
PIC18LF26K22T-I/SS021
PIC18LF26K22T-I/SS022
PIC18LF26K22T-I/SSC03
PIC18LF26K40-E/SS
PIC18LF26K40-I/SS
PIC18LF26K40T-I/SS
PIC18LF26K42-E/SS
PIC18LF26K42-I/SS
PIC18LF26K42T-I/SS
PIC18LF26K80-I/SS
PIC18LF26K80T-I/SS
PIC18LF26K83-E/SS
PIC18LF26K83-I/SS
PIC18LF26K83T-I/SS
PIC18LF27J13-I/SS
PIC18LF27J13T-I/SS
PIC18LF27J53-I/SS
PIC18LF27J53T-I/SS
PIC18LF27K40-E/SS
PIC18LF27K40-I/SS
PIC18LF27K40T-I/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC24EP128GP202-I/SS
PIC24EP128GP202T-E/SS
PIC24EP128MC202-I/SS
PIC24EP256GP202-E/SS
PIC24EP256GP202-H/SS
PIC24EP256GP202-I/SS
PIC24EP256GP202T-E/SS
PIC24EP256GP202T-H/SS
PIC24EP256GP202T-I/SS
PIC24EP256MC202-E/SS
PIC24EP256MC202-H/SS
PIC24EP256MC202-I/SS
PIC24EP256MC202T-E/SS
PIC24EP256MC202T-H/SS
PIC24EP256MC202T-I/SS
PIC24EP32GP202-E/SS
PIC24EP32GP202-H/SS
PIC24EP32GP202-I/SS
PIC24EP32GP202T-E/SS
PIC24EP32GP202T-H/SS
PIC24EP32GP202T-I/SS
PIC24EP32MC202-E/SS
PIC24EP32MC202-H/SS
PIC24EP32MC202-I/SS
PIC24EP32MC202T-E/SS
PIC24EP32MC202T-H/SS
PIC24EP64GP202-I/SS
PIC24EP64GP202T-I/SS
PIC24EP64MC202-E/SS
PIC24EP64MC202-I/SS
PIC24EP64MC202T-E/SS
PIC24EP64MC202T-I/SS
PIC24F08KA102-E/SS
PIC24F08KA102-I/SS
PIC24F08KA102T-E/SS
PIC24F08KL302-E/SS
PIC24F08KL302-I/SS
PIC24F08KL302T-I/SS
PIC24F08KL402-E/SS
PIC24F08KL402-I/SS
PIC24F08KL402T-I/SS
PIC24F08KM202-I/SS
PIC24F16KA102-E/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC24F16KA102-I/SS
PIC24F16KA102T-I/SS
PIC24F16KA302-E/SS
PIC24F16KA302-I/SS
PIC24F16KA302T-I/SS
PIC24F16KL402-E/SS
PIC24F16KL402-I/SS
PIC24F16KL402T-I/SS
PIC24F16KM102-I/SS
PIC24F16KM202-I/SS
PIC24F32KA302-E/SS
PIC24F32KA302-I/SS
PIC24F32KA302T-I/SS
PIC24FJ128GA202-E/SS
PIC24FJ128GA202-I/SS
PIC24FJ128GA202T-I/SS
PIC24FJ128GA702-I/SS
PIC24FJ128GA702T-I/SS
PIC24FJ128GB202-E/SS
PIC24FJ128GB202-I/SS
PIC24FJ128GB202T-I/SS
PIC24FJ16GA002-E/SS
PIC24FJ16GA002-E/SS020
PIC24FJ16GA002-E/SSC01
PIC24FJ16GA002-I/SS
PIC24FJ16GA002-I/SS020
PIC24FJ16GA002T-E/SS
PIC24FJ16GA002T-E/SS021
PIC24FJ16GA002T-E/SSC02
PIC24FJ16GA002T-I/SS
PIC24FJ16GA002T-I/SSC03
PIC24FJ16GA002T-I/SSC07
PIC24FJ16GA002T-I/SSC08
PIC24FJ16MC102-E/SS
PIC24FJ16MC102-I/SS
PIC24FJ16MC102T-I/SS
PIC24FJ256GA702-I/SS
PIC24FJ256GA702T-I/SS
PIC24FJ32GA002-E/SS
PIC24FJ32GA002-I/SS
PIC24FJ32GA002-I/SSC07
PIC24FJ32GA002-I/SSC10
PIC24FJ32GA002T-E/SS

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Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC24FJ32GA002T-I/SS
PIC24FJ32GA002T-I/SSC10
PIC24FJ32MC102-I/SS
PIC24FJ48GA002-E/SS
PIC24FJ48GA002-I/SS
PIC24FJ48GA002-I/SSC04
PIC24FJ48GA002T-I/SS
PIC24FJ64GA002-E/SS
PIC24FJ64GA002-I/SS
PIC24FJ64GA002-I/SSC15
PIC24FJ64GA002T-E/SS
PIC24FJ64GA002T-E/SSC12
PIC24FJ64GA002T-I/SS
PIC24FJ64GA202-E/SS
PIC24FJ64GA202-I/SS
PIC24FJ64GA202T-I/SS
PIC24FJ64GA702-I/SS
PIC24FJ64GA702T-I/SS
PIC24FJ64GB202-E/SS
PIC24FJ64GB202-I/SS
PIC24FJ64GB202T-I/SS
PIC24FV08KM202-I/SS
PIC24FV16KA302-E/SS
PIC24FV16KA302-I/SS
PIC24FV16KA302T-E/SS
PIC24FV16KA302T-I/SS
PIC24FV16KM102-I/SS
PIC24FV16KM202-E/SS
PIC24FV16KM202-I/SS
PIC24FV16KM202T-E/SS
PIC24FV16KM202T-I/SS
PIC24FV32KA302-E/SS
PIC24FV32KA302-I/SS
PIC24FV32KA302T-E/SS
PIC24FV32KA302T-I/SS
PIC24HJ12GP202-E/SS
PIC24HJ12GP202-I/SS
PIC24HJ12GP202T-E/SS
PIC24HJ12GP202T-I/SS
PIC24HJ32GP202-E/SS
PIC24HJ32GP202-I/SS
PIC24HJ32GP202T-E/SS
PIC24HJ32GP202T-I/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC32MM0016GPL028-I/SS
PIC32MM0016GPL028T-I/SS
PIC32MM0032GPL028-I/SS
PIC32MM0032GPL028T-I/SS
PIC32MM0064GPL028-I/SS
PIC32MM0064GPL028T-I/SS
PIC32MM0064GPM028-I/SS
PIC32MM0064GPM028T-I/SS
PIC32MM0128GPM028-I/SS
PIC32MM0128GPM028T-I/SS
PIC32MM0256GPM028-I/SS
PIC32MM0256GPM028T-I/SS
PIC32MX110F016B-I/SS
PIC32MX110F016BT-I/SS
PIC32MX110F016BT-V/SS
PIC32MX110F016B-V/SS
PIC32MX120F032B-50I/SS
PIC32MX120F032B-I/SS
PIC32MX120F032BT-50I/SS
PIC32MX120F032BT-I/SS
PIC32MX120F032BT-V/SS
PIC32MX120F032B-V/SS
PIC32MX130F064B-I/SS
PIC32MX130F064BT-I/SS
PIC32MX130F064BT-V/SS
PIC32MX130F064B-V/SS
PIC32MX130F256B-50I/SS
PIC32MX130F256B-I/SS
PIC32MX130F256BT-50I/SS
PIC32MX130F256BT-I/SS
PIC32MX130F256BT-V/SS
PIC32MX130F256B-V/SS
PIC32MX150F128B-50I/SS
PIC32MX150F128B-I/SS
PIC32MX150F128B-I/SSF21
PIC32MX150F128BT-50I/SS
PIC32MX150F128BT-I/SS
PIC32MX150F128BT-V/SS
PIC32MX150F128B-V/SS
PIC32MX170F256B-50I/SS
PIC32MX170F256B-I/SS
PIC32MX170F256BT-50I/SS
PIC32MX170F256BT-I/SS

JAON-10GTAH636 - CCB 3003 Final Notice: Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.

Affected Catalog Part Numbers (CPN)

PCN_JAON-10GTAH636
CATALOG_PART_NBR
PIC32MX170F256BT-V/SS
PIC32MX170F256B-V/SS
PIC32MX210F016B-I/SS
PIC32MX210F016BT-I/SS
PIC32MX210F016BT-V/SS
PIC32MX210F016B-V/SS
PIC32MX220F032B-50I/SS
PIC32MX220F032B-I/SS
PIC32MX220F032BT-50I/SS
PIC32MX220F032BT-I/SS
PIC32MX220F032BT-V/SS
PIC32MX220F032B-V/SS
PIC32MX230F064B-I/SS
PIC32MX230F064BT-I/SS
PIC32MX230F064BT-V/SS
PIC32MX230F064B-V/SS
PIC32MX230F256B-50I/SS
PIC32MX230F256B-I/SS
PIC32MX230F256BT-50I/SS
PIC32MX230F256BT-I/SS
PIC32MX230F256BT-V/SS
PIC32MX230F256B-V/SS
PIC32MX250F128B-50I/SS
PIC32MX250F128B-I/SS
PIC32MX250F128BT-50I/SS
PIC32MX250F128BT-I/SS
PIC32MX250F128BT-V/SS
PIC32MX250F128B-V/SS
PIC32MX270F256B-50I/SS
PIC32MX270F256B-I/SS
PIC32MX270F256BT-50I/SS
PIC32MX270F256BT-I/SS
PIC32MX270F256BT-V/SS
PIC32MX270F256B-V/SS
PS501T-I/SSC01
PS501T-I/SSC05
RE351SS28T



MICROCHIP

QUALIFICATION REPORT SUMMARY
RELIABILITY LABORATORY

PCN #: JAON-10GTAH636

Date
October 27, 2017

Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.



MICROCHIP PACKAGE QUALIFICATION REPORT

Purpose	Qualification of MMT as an additional assembly site using gold (Au) bond wire for selected products available in 28L SSOP package.
CN	ES116484-21980
QUAL ID	Q17151
MP CODE	TLCD14N2XAXF
Part No.	DSPIC33EV256GM002-E/SS
Bonding No.	BDM-001388 Rev. B
CCB No.	3003
<u>Package</u>	
Type	28L SSOP
Package size	209 mils
Die thickness	15 mils
Die size	143.70 x 145.20 mils
<u>Lead Frame</u>	
Paddle size	153 x 200 mils
Material	CDA194
Surface	Bare Cu
Process	Stamped
Lead Lock	No
Part Number	10102823
Treatment	None
<u>Material</u>	
Epoxy	8390A
Wire	Au wire
Mold Compound	G600
Plating Composition	Matte Tin



MICROCHIP PACKAGE QUALIFICATION REPORT

Manufacturing Information

Assembly Lot No.	Wafer Lot No.	Date Code
MMT-182100892.000	TC11918136145.710	1733BQ1
MMT-182101053.000	TC11918136145.710	1733PRW
MMT-182200587.000	TC11918136145.700	1734KCS

Result

Pass Fail _____

28L SSOP (.209") assembled by MMT (ALPH) pass reliability test per QCI-39000.
This package was qualified the Moisture/Reflow Sensitivity Classification Level 1 at 260°C
reflow temperature per IPC/JEDEC J-STD-020D standard.

PACKAGE QUALIFICATION REPORT

Test Number (Reference)	Test Condition	Standard/ Method	Qty. (Acc.)	Def/SS	Result	Remarks
Moisture/Reflow Sensitivity Classification Test (At MSL Level 1)	85°C/ 85%RH Moisture Soak 168 hrs. System: TABAI ESPEC Model PR-3SPH 3x Convection-Reflow 265°C max System: Vitronics Soltec MR1243 (IPC/JEDEC J-STD-020D)	IPC/JEDEC C J-STD-020D	135	0/135	Pass	

Precondition Prior Perform Reliability Tests (At MSL Level 1)	Electrical Test :+25°C,85°C,125°C and 150°C System: J750	JESD22-A113	693(0)	693	Pass	Good Devices
	Bake 150°C, 24 hrs System: CHINEE			693		
	85°C/85%RH Moisture Soak 168 hrs. System: TABAI ESPEC Model PR-3SPH			693		
	3x Convection-Reflow 265°C max System: Vitronics Soltec MR1243			693		
	Electrical Test :+25°C,85°C,125°C and 150°C System: J750			0/693		

PACKAGE QUALIFICATION REPORT

Test Number (Reference)	Test Condition	Standard/ Method	Qty. (Acc.)	Def/SS.	Result	Remarks
Temp Cycle	Stress Condition: -65°C to +150°C, 500 Cycles System : TABAI ESPEC TSA-70H	JESD22-A104		231		Parts had been pre-conditioned at 260°C 77 units / lot
	Electrical Test: + 85°C,125°C and 150°C System: J750		231(0)	0/231	Pass	
	Bond Strength: Wire Pull (> 2.5 grams) Bond Shear (>15.00 grams)		15 (0)	0/15	Pass	
UNBIASED-HAST	Stress Condition: +130°C/85%RH, 96 hrs. System: HAST 6000X	JESD22-A118		231		Parts had been pre-conditioned at 260°C 77 units / lot
	Electrical Test: +25°C System: J750		231(0)	0/231	Pass	
HAST	Stress Condition: +130°C/85%RH, 96 hrs. Bias Volt: 5.0 Volts System: HAST 6000X	JESD22-A110		231		Parts had been pre-conditioned at 260°C 77 units / lot
	Electrical Test: +:+25°C, 85°C,125°C and 150°C System: J750		231(0)	0/231	Pass	
High Temperature Storage Life	Stress Condition: Bake 175°C, 504 hrs System: SHEL LAB	JESD22-A103		45		45 units
	Electrical Test :+25°C, 85°C,125°C and 150°C System: J750		45(0)	0/45	Pass	

PACKAGE QUALIFICATION REPORT

Test Number (Reference)	Test Condition	Standard/ Method	Qty. (Acc.)	Def/SS.	Result	Remarks
Solderability Temp 215°C	Steam Aging: Temp 93°C,8Hrs System: SAS-3000 Solder Dipping: Solder Temp.215°C Solder material: SnPb Sn63,Pb37 System: ERSA RA 2200D Visual Inspection: External Visual Inspection	JESD22B-102E	22 (0)	22 22 0/22	Pass	
Solderability Temp 245°C	Steam Aging: Temp 93°C,8Hrs System: SAS-3000 Solder Dipping:Solder Temp.245°C Solder material:Pb Free Sn 95.5Ag3.9 Cu0.6 System: ERSA RA 2200D Visual Inspection: External Visual Inspection	JESD22B-102E	22 (0)	22 22 0/22	Pass	
Physical Dimensions	Physical Dimension, 30 units from 1 lot	JESD22-B100/B108	30(0) Units	0/30	Pass	
Bond Strength Data Assembly	Wire Pull (> 2.5 grams) Bond Shear (>15.00 grams)	M2011 JESD22-B116	30 (0) Wires 30 (0) bonds	0/30 0/30	Pass Pass	