

Product Change Notification - KSRA-31AOHM485

Date: 13 Jul 2017
Product Category: Memory; Temperature Sensors
Notification subject: CCB 2953 Initial Notice: Qualification of Matte tin lead finish for 8L SOIC at ASSH Assembly site.
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 Matte tin lead finish for 8L SOIC at ASSH Assembly site.

Pre Change:

Assembled at ANAP Assembly site using 8290 die attach material, and G700 molding compound material and NiPdAu lead finish or ASSH Assembly site using EN 4900G die attach material, G700 molding compound material and NiPdAu lead finish.

Post Change:

Assembled at ANAP Assembly site using 8290 die attach material, and G700 molding compound material and NiPdAu lead finish or ASSH Assembly site using EN 4900G die attach material, CEL-9240HF10AK molding compound material and Matte Tin lead finish

Pre and Post Change Summary:

	Pre Change		Post Change	
	ANAP Assembly Site	ASSH Assembly Site	ANAP Assembly Site	ASSH Assembly Site
Assembly Site	ANAP Assembly Site	ASSH Assembly Site	ANAP Assembly Site	ASSH Assembly Site
Wire material	CuPdAu Wire	CuPdAu Wire	CuPdAu Wire	CuPdAu Wire
Die attach material	8290	EN 4900G	8290	EN 4900G
Molding compound material	G700	G700	G700	CEL-9240HF10AK
Lead frame material	C194	C194	C194	C194
Lead Finish	NiPdAu	NiPdAu	NiPdAu	Matte Tin

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying new bill of material for ASSH assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

November 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					-->	November 2017				
	22	23	24	25	26		44	45	46	47	48
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 15, 2017: Issued initial notification.

June 20, 2017: Re-issued initial notification to include affected parts list and qualification plan.

June 23, 2017: Re-issued initial notification to correct a typo on molding compound material from CEL-9240HF10AK and G700A/G700LS to G700.

July 13, 2017: Re-issued initial notification to include ANAP Assembly site in the post change.

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-31AOHM485_Affected CPN.pdf](#)
- [PCN_KSRA-31AOHM485_Qual Plan.pdf](#)
- [PCN_KSRA-31AOHM485_Affected CPN.xlsx](#)

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

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Affected Catalog Part Numbers (CPN)

PCN_KSRA-31AOHM485
CATALOG_PART_NBR
AT21CS01-SSHM10-T
AT21CS01-SSHM11-T
AT21CS01-SSHM12-T
AT21CS01-SSHM13-T
AT21CS01-SSHM14-T
AT21CS01-SSHM15-T
AT21CS01-SSHM16-T
AT21CS01-SSHM17-T
AT24C01C-SSHM-B
AT24C01C-SSHM-T
AT24C01D-SSHM-B
AT24C01D-SSHM-T
AT24C02BN-SH-T
AT24C02BN-SH-T-923
AT24C02C-SSHMAU-T
AT24C02C-SSHM-B
AT24C02C-SSHM-T
AT24C02C-SSHM-T-441
AT24C02C-SSHM-T-537
AT24C02C-SSHM-T-834
AT24C02C-SSHM-T-899
AT24C02C-SSHM-T-989
AT24C02D-SSHM-B
AT24C02D-SSHM-T
AT24C04BN-SH-T-923
AT24C04C-SSHMAU-T
AT24C04C-SSHM-B
AT24C04C-SSHM-T
AT24C04C-SSHM-T-834
AT24C04D-SSHM-B
AT24C04D-SSHM-T
AT24C08C-SS9M-T
AT24C08C-SSHMAU-T
AT24C08C-SSHM-B
AT24C08C-SSHM-T
AT24C08D-SSHM-B
AT24C08D-SSHM-T
AT24C1024BN-SH-T
AT24C128C-SSHMAU-T
AT24C128C-SSHM-B
AT24C128C-SSHMEU-T
AT24C128C-SSHMGT-T
AT24C128C-SSHMGT-T

Affected Catalog Part Numbers (CPN)

PCN_KSRA-31AOHM485
CATALOG_PART_NBR
AT24C128C-SSHMT
AT24C128C-SSHMT-899
AT24C128C-SSHMT-989
AT24C16C-SSHMAU-T
AT24C16C-SSHMT-B
AT24C16C-SSHMT-B-899
AT24C16C-SSHMGT-T
AT24C16C-SSHMT
AT24C16C-SSHMT-899
AT24C16D-SSHMT-B
AT24C16D-SSHMT
AT24C256C-SSHLAU-B
AT24C256C-SSHLAU-T
AT24C256C-SSHL-B
AT24C256C-SSHL-B-899
AT24C256C-SSHL-B-923
AT24C256C-SSHLEMT
AT24C256C-SSHLEUT
AT24C256C-SSHLGT-T
AT24C256C-SSHL-T
AT24C256C-SSHL-T-537
AT24C256C-SSHL-T-834
AT24C256C-SSHL-T-899
AT24C256C-SSHL-T-989
AT24C32D-SSHMAU-T
AT24C32D-SSHMT-B
AT24C32D-SSHMEN-T
AT24C32D-SSHMFA-T
AT24C32D-SSHMFD-T
AT24C32D-SSHMGT-T
AT24C32D-SSHMT
AT24C32D-SSHMT-899
AT24C32D-SSKM-T
AT24C32E-SSHMT-B
AT24C32E-SSHMT
AT24C512C-SSHDAU-T
AT24C512C-SSHD-B
AT24C512C-SSHDHB-T
AT24C512C-SSHD-T
AT24C512C-SSHD-T-834
AT24C512C-SSHD-T-899
AT24C512C-SSHMAU-T
AT24C512C-SSHMT-B

Affected Catalog Part Numbers (CPN)

PCN_KSRA-31AOHM485
CATALOG_PART_NBR
AT24C512C-SSHMEU-T
AT24C512C-SSHMGT-T
AT24C512C-SSHMHB-T
AT24C512C-SSHM-T
AT24C512C-SSHM-T-989
AT24C64AN-10SQ-2.7-T
AT24C64BN-10SU-1.8
AT24C64BN-10SU-1.8-T
AT24C64BN-10SU-2.7
AT24C64BN-10SU-2.7-T
AT24C64D-SSHMAU-B
AT24C64D-SSHMAU-T
AT24C64D-SSHM-B
AT24C64D-SSHMGT-T
AT24C64D-SSHM-T
AT24C64D-SSHM-T-899
AT24CM01-SSHD-B
AT24CM01-SSHD-T
AT24CM01-SSHM-B
AT24CM01-SSHM-T
AT24CM01-SSHM-T-834
AT24CM01-SSHM-T-989
AT24CM02-SSHD-B
AT24CM02-SSHD-T
AT24CM02-SSHM-B
AT24CM02-SSHM-T
AT24CS01-SSHM-B
AT24CS01-SSHM-T
AT24CS02-SSHM-B
AT24CS02-SSHM-T
AT24CS04-SSHM-B
AT24CS04-SSHM-T
AT24CS08-SSHM-B
AT24CS08-SSHM-T
AT24CS16-SSHM-B
AT24CS16-SSHM-T
AT24CS32-SSHM-B
AT24CS32-SSHM-T
AT24CS64-SSHM-B
AT24CS64-SSHM-T
AT24HC02C-SSHM-B
AT24HC02C-SSHM-T
AT24HC04BN-SH-B

Affected Catalog Part Numbers (CPN)

PCN_KSRA-31AOHM485
CATALOG_PART_NBR
AT24HC04BN-SH-T
AT24MAC402-SSHM-B
AT24MAC402-SSHM-T
AT24MAC602-SSHM-B
AT24MAC602-SSHM-T
AT25010B-SSHL-B
AT25010B-SSHL-B-899
AT25010B-SSHL-T
AT25010B-SSHL-T-899
AT25020B-SSHL-B
AT25020B-SSHL-B-899
AT25020B-SSHL-T
AT25020B-SSHL-T-899
AT25040B-SSHL-B
AT25040B-SSHL-B-899
AT25040B-SSHL-T
AT25040B-SSHL-T-899
AT25080B-SSHL-B
AT25080B-SSHL-B-899
AT25080B-SSHL-T
AT25080B-SSHL-T-899
AT25128AN-10SQ-2.7
AT25128AN-10SQ-2.7-T
AT25128B-SSHL-B
AT25128B-SSHL-B-899
AT25128B-SSHL-T
AT25128B-SSHL-T-899
AT25160B-SSHL-B
AT25160B-SSHL-B-899
AT25160B-SSHL-T
AT25160B-SSHL-T-899
AT25256B-SSHL-B
AT25256B-SSHL-B-899
AT25256B-SSHLHW-T
AT25256B-SSHL-T
AT25256B-SSHL-T-537
AT25256B-SSHL-T-899
AT25320AN-10SQ-2.7-T
AT25320B-SSHL-B
AT25320B-SSHL-B-899
AT25320B-SSHL-T
AT25320B-SSHL-T-537
AT25320B-SSHL-T-899

Affected Catalog Part Numbers (CPN)

PCN_KSRA-31AOHM485
CATALOG_PART_NBR
AT25512N-SH-B
AT25512N-SH-B-899
AT25512N-SH-T
AT25512N-SH-T-834
AT25512N-SH-T-899
AT25640B-SSHL-B
AT25640B-SSHL-B-899
AT25640B-SSHL-T
AT25640B-SSHL-T-537
AT25640B-SSHL-T-899
AT25M017-SSHM-T
AT25M01-SSHM-B
AT25M01-SSHM-T
AT25M02-SSHD-B
AT25M02-SSHD-T
AT25M02-SSHM-B
AT25M02-SSHM-T
AT30TS74-SS8M-B
AT30TS74-SS8M-T
AT30TS750A-SS8M-B
AT30TS750A-SS8M-T
AT30TS750-SS8-B
AT30TS750-SS8-T
AT30TS75A-SS8M-B
AT30TS75A-SS8M-T
AT30TS75-SS8-T
AT30TSE752A-SS8M-B
AT30TSE752A-SS8M-T
AT30TSE752-SS8-B
AT30TSE752-SS8-T
AT30TSE754A-SS8M-B
AT30TSE754A-SS8M-T
AT30TSE754-SS8-B
AT30TSE754-SS8-T
AT30TSE758A-SS8M-B
AT30TSE758A-SS8M-T
AT30TSE758-SS8-B
AT30TSE758-SS8-T
AT34C02D-SSHMAU-T
AT34C02D-SSHM-B
AT34C02D-SSHMHL-T
AT34C02D-SSHM-T
AT34C04-SS5M-B

Affected Catalog Part Numbers (CPN)

PCN_KSRA-31AOHM485
CATALOG_PART_NBR
AT34C04-SS5M-T
AT93C46DN-SHAU-B
AT93C46DN-SHAU-T
AT93C46DN-SH-B
AT93C46DN-SH-T
AT93C46DN-SH-T-537
AT93C46DN-SH-T-834
AT93C46DN-SH-T-989
AT93C46EN-SHAU-B
AT93C46EN-SHAU-T
AT93C46EN-SH-B
AT93C46EN-SH-T
AT93C46EN-SH-T-834
AT93C56A-10SQ-2.7-T
AT93C56B-SSHM-B
AT93C56B-SSHM-T
AT93C56B-SSHM-T-899
AT93C66A-SQ27U2-T
AT93C66B-SSHM-B
AT93C66B-SSHM-T
AT93C66B-SSHM-T-899
AT93C86A-10SU-1.8
AT93C86A-10SU-1.8-T
AT93C86A-10SU-2.7
AT93C86A-10SU-2.7-T
AT93C86A-SQ27R4