



Product Change Notification / MFOL-27HWFC160

Date:

29-Nov-2023

Product Category:

CAN PN Transceiver, Interface- Controller Area Network (CAN)

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5316 Final Notice: Qualification of NiPdAuAg as a new lead plating for ATA6565-GNQW0, ATA6565-GNQW1, ATA6571-GNQW0-VAO, ATA6571-GNQW1-VAO, ATA6570-GNQW0, and ATA6570-GNQW1 catalog part numbers (CPN) available in 14L SOIC (3.90mm) package.

Affected CPNs:

[MFOL-27HWFC160_Affected_CPN_11292023.pdf](#)

[MFOL-27HWFC160_Affected_CPN_11292023.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 NiPdAuAg as a new lead plating for ATA6565-GNQW0, ATA6565-GNQW1, ATA6571-GNQW0-VAO, ATA6571-GNQW1-VAO, ATA6570-GNQW0, and ATA6570-GNQW1 catalog part numbers (CPN) available in 14L SOIC (3.90mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	ASE Advanced Semiconductor (Shanghai) Co., Ltd (ASSH)	ASE Advanced Semiconductor (Shanghai) Co., Ltd (ASSH)
Wire Material	CuPdAu	CuPdAu
Die Attach Material	EN-4900GC	EN-4900GC
Molding Compound Material	G700LTD-SF	G700LTD-SF
Lead-Frame Material	C194	C194
Lead Plating	NiPdAgPd	NiPdAuAg

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying NiPdAuAg as a new lead plating.

Change Implementation Status:In Progress

Estimated First Ship Date:December 2023 (date code: 2351)

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

Time Table Summary:

	December 2022						November 2023					December 2023				
Workweek	4 9	5 0	5 1	5 2	5 3	>	4 4	4 5	4 6	4 7	4 8	4 9	5 0	5 1	5 2	5 3
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: December 05, 2022: Issued initial notification.

November 29, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on December 20, 2023.

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

Attachments:

[PCN_MFOL-27HWFC160_Qual Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATA6565-GNQW0
ATA6565-GNQW1
ATA6571-GNQW0-VAO
ATA6571-GNQW1-VAO
ATA6570-GNQW0
ATA6570-GNQW1