



Product Change Notification - KSRA-11JPBE431

Date:

31 Mar 2020

Product Category:

Ethernet PHYs

Affected CPNs:**Notification subject:**

CCB 2672.002 and CCB 2672.003 Final Notice: Qualification of ASE as a new assembly site for selected Micrel KSZ8091xx, KSZ8081xx and SPNZ8011xx device families available in 32L VQFN (5X5X0.9mm) and 24L VQFN (4X4X0.9mm) packages using palladium coated copper wire with gold flash (CuPdAu) bond wire.

Notification text:**PCN Status:**

Final notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of ASE as a new assembly site for selected Micrel KSZ8091xx, KSZ8081xx and SPNZ8011xx device families available in 32L VQFN (5X5X0.9mm) and 24L VQFN (4X4X0.9mm) packages using palladium coated copper wire with gold flash (CuPdAu) bond wire.

Pre Change:

Assembled at T1CP using silver (Ag) bond wire

Post Change:

Assembled at ASE using palladium coated copper wire with gold flash (CuPdAu) bond wire.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Taiwan IC Packing Corp (T1CP)	ASE Inc (ASE)
Wire material	Ag	CuPdAu
Die attach material	EN4900	EN4900
Molding compound material	G631	G631
Lead frame material	C194	C194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying ASE as a new assembly site

Change Implementation Status:

In Progress

Estimated First Ship Date:



April 30, 2020 (date code: 2018)

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

Time Table Summary:

	June 2018					📅	March 2020					April 2020			
Workweek	22	23	24	25	26	📅	10	11	12	13	14	15	16	17	18
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:

June 05, 2018: Issued initial notification.

March 31, 2020: Issued final notification. Attached the qualification report. Provided estimated first date to be on April 30, 2020. Revised the notification subject and description of change to specify device families and updated the affected CPN list to only include parts based on the change scope. 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-11JPBE431_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)

KSZ8091RNBCA
KSZ8081MNXCA
KSZ8091MNXCA
SPNZ801174
KSZ8081RNBCA-TR
KSZ8091RNBCA-TR
KSZ8081MNXCA-TR
KSZ8091MNXCA-TR
KSZ8081RNBIA-TR
KSZ8091RNBIA-TR
KSZ8081MNXIA-TR
KSZ8091MNXIA-TR
KSZ8081RNACA
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