



Product Change Notification / GBNG-02EIPE100

Date:

14-Mar-2023

Product Category:

Wireless IC

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6067 Initial Notice: Qualification of STAR as an additional final test site for MICRF221AYQS and MICRF221AYQS-TR catalog part numbers (CPN) available in 16L QSOP (3.90mm) package.

Affected CPNs:

[GBNG-02EIPE100_Affected_CPN_03142023.pdf](#)
[GBNG-02EIPE100_Affected_CPN_03142023.csv](#)

Notification Text:

PCN Status:Initial 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 STAR as an additional final test site for MICRF221AYQS and MICRF221AYQS-TR catalog part numbers (CPN) available in 16L QSOP (3.90mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Final Test Site	Unisem (M) Berhad	Unisem (M) Berhad	Stars

		Perak, Malaysia (UNIS)	Perak, Malaysia (UNIS)	Microelectronics (Thailand) Public Company Limited (STAR)
Base Quantity Multiple (BQM)	Tape and Reel	2500 units	2500 units	2500 units
	Tube	98 units	98 units	98 units
Pin 1 orientation	Tape and Reel	Q1	Q1	Q1
	Tube	Pin 1 toward white stopper	Pin 1 toward white stopper	Pin 1 toward grey stopper
Carrier Tape		Minor dimension change. See pre and post change for comparison.		
Cover Tape		No dimension change. See pre and post change for comparison.		
Plastic Reel		No dimension change. See pre and post change for comparison.		
Plastic Reel Color		Blue	Blue	Blue
Tube Dimension		No dimension change. See pre and post change for comparison.		
Tube Plug Color		Full Tube: White – Black Partial Tube: White – Yellow	Full Tube: White – Black Partial Tube: White – Yellow	Grey-Grey
Packing Method		See pre and post change for comparison.		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying STAR as an additional final test site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:March 2023

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:

	March 2023				
Workweek	09	10	11	12	13
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 14, 2023: 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.

Attachments:

[PCN_GBNG-02EIPE100_Pre_and_Post_Change_Summary.pdf](#)

[PCN_GBNG-02EIPE100_Qual_Plan.doc.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

MICRF221AYQS

MICRF221AYQS-TR