



## Product Change Notification / ASER-28RAPG851

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### Date:

10-Jan-2023

### Product Category:

Power Management - System Supervisors/Voltage Detectors

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 5128 Final Notice: Qualification of a new lead frame design and G700 as a new mold compound material for selected MIC277xxx device family available in 5L SOT-23 package assembled at STAR assembly site.

### Affected CPNs:

[ASER-28RAPG851\\_Affected\\_CPN\\_01102023.pdf](#)

[ASER-28RAPG851\\_Affected\\_CPN\\_01102023.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 a new lead frame design and G700 as a new mold compound material for selected MIC277xxx device family available in 5L SOT-23 package assembled at STAR assembly site.

### Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Stars Microelectronics (Thailand) Public Company Limited (STAR)
Wire Material	Au	Au
Die Attach Material	84-1LMISR4	84-1LMISR4
Molding Compound Material	G600	G700
Lead-Frame Material	C194	C194
DAP Surface Prep	NiPdAu with Roughened	NiPdAuAg with Roughened
	See Pre and Post Change Summary for comparison.	

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve productivity by qualifying a new lead frame design and G700 mold compound.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**February 10, 2023 (date code: 2306)

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

**Time Table Summary:**

Workweek	May 2022					>	January 2023					February 2023			
	1 9	2 0	2 1	2 2	2 3		1	2	3	4	5	6	7	8	9
Initial PCN Issue Date	x														
Qual Report Availability								x							
Final PCN Issue Date								x							
Estimated Implementation												x			



Affected Catalog Part Numbers (CPN)

MIC2774H-17YM5-TR  
MIC2774H-22YM5-TR  
MIC2774H-25YM5-TR  
MIC2774H-28YM5-TR  
MIC2774H-29YM5-TR  
MIC2774H-44YM5-TR  
MIC2774L-17YM5-TR  
MIC2774L-22YM5-TR  
MIC2774L-23YM5-TR  
MIC2774L-25YM5-TR  
MIC2774L-28YM5-TR  
MIC2774L-29YM5-TR  
MIC2774L-31YM5-TR  
MIC2774L-44YM5-TR  
MIC2774L-46YM5-TR  
MIC2774N-17YM5-TR  
MIC2774N-22YM5-TR  
MIC2774N-23YM5-TR  
MIC2774N-25YM5-TR  
MIC2774N-28YM5-TR  
MIC2774N-29YM5-TR  
MIC2774N-31YM5-TR  
MIC2774N-44YM5-TR  
MIC2775-17YM5-TR  
MIC2775-22YM5-TR  
MIC2775-23YM5-TR  
MIC2775-25YM5-TR  
MIC2775-26YM5-TR  
MIC2775-28YM5-TR  
MIC2775-29YM5-TR  
MIC2775-31YM5-TR  
MIC2775-44YM5-TR  
MIC2775-46YM5-TR  
MIC2776L-YM5-TR  
MIC2776N-YM5-TR  
MIC2777-17YM5-TR  
MIC2777-22YM5-TR  
MIC2777-23YM5-TR  
MIC2777-25YM5-TR  
MIC2777-26YM5-TR  
MIC2777-28YM5-TR  
MIC2777-29YM5-TR  
MIC2777-31YM5-TR  
MIC2777-44YM5-TR  
MIC2775-29YM5-TX  
MIC2774H-23YM5-TR

MIC2774H-26YM5-TR  
MIC2774H-31YM5-TR  
MIC2774H-46YM5-TR  
MIC2774L-26YM5-TR  
MIC2774N-26YM5-TR  
MIC2774N-46YM5-TR  
MIC2776H-YM5-TR  
MIC2777-46YM5-TR  
MIC2774N-29YM5-TX  
MIC2776L-YM5-TX  
MIC2776N-YM5-TX