

Product Change Notification / ASER-05HBEV292

Date:			
22-Dec-2022			
Product Category:			
Switching Regulators			
PCN Type:			
Manufacturing Change			
Notification Subject:			
CCB 6041 Initial Notice: Qua catalog part number availab			ication site for selected MIC27600YJL- kage.
Affected CPNs:			
ASER-05HBEV292_Affected ASER-05HBEV292_Affected			
Notification Text:			
PCN Status:Initial Notification	n		
PCN Type:Manufacturing Ch	ange		
•	•		n the Affected CPNs section. in two formats (.pdf and .xls)
Description of Change: Qualicatalog part number available			cation site for selected MIC27600YJL- kage.
Pre and Post Change Summa	ary:		
F	Pre Change	Post Change	

Fabrication Site	Die 1	Microchip Technology Colorado – FAB5 (MCSO)	Microchip Technology Colorado – FAB5 (MCSO)	
	Die 2	Analog Power Inc. (ANPI)	MaxPower Semicond uctor (MAPW)	
	Die 3	Analog Power Inc. (ANPI)	MaxPower Semicond uctor (MAPW)	

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying MAPW as a new fabrication site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:June 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:

	December 2022				>	June 2023					
Workweek	4 9	5 0	5 1	5 2	5 3		22	23	24	25	26
Initial PCN Issue Date				Х							
Qual Report Availability											Х
Final PCN Issue											Х

alification Plan:Please open the attachments included with this PCN labeled as PCN_#_Oual_Plan. vision History:December 22, 2022: Issued initial notification. c change described in this PCN does not alter Microchip's current regulatory compliance regarding the terial content of the applicable products. tachments: N_ASER-05HBEV292_Qual Plan.pdf ase contact your local Microchip sales office with questions or concerns regarding this notification. rms and Conditions: ou wish to receive Microchip PCNs via email please register for our PCN email service at our PCN me page select register then fill in the required fields. You will find instructions about registering for crochips PCN email service in the PCN FAQ section. ou wish to change your PCN profile, including opt out, please go to the PCN home page select login d sign into your myMicrochip account. Select a profile option from the left navigation bar and make applicable selections.	Date
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$ASER-05HBEV292-CCB\ 6041\ Initial\ Notice: Qualification\ of\ MAPW\ as\ a\ new\ fabrication\ site\ for\ selected\ MIC27600YJL-TR\ catalog\ part\ number\ available\ in\ 28L\ VQFN\ (5x6x0.9mm)\ package.$
Affected Catalog Part Numbers (CPN)
MIC27600YJL-TR
Date: Thursday, December 22, 2022



QUALIFICATION PLAN SUMMARY

PCN#: ASER-05HBEV292

Date: November 29, 2022

Qualification of MAPW as a new fabrication site for selected MIC27600YJL-TR catalog part number available in 28L VQFN (5x6x0.9mm) package.

Purpose: Qualification of MAPW as a new fabrication site for selected MIC27600YJL-TR catalog part number available in

28L VQFN (5x6x0.9mm) package.

CCB: 6041

Test Name	Conditions	Qty of Lots	Total Units
Life Test	Vin = +5.5V, PVin = +36V, Ta = +125°C/1008 hours	1	30
ELFR	Vin = +5.5V, PVin = +36V, Ta = +125°C/48 hours	1	231
Tri Temp	PVIN = VIN = 12V, VDD = 5V; VBST – VSW = 5V; TA = -40°C,25°C,125°C	1	30
Validation/Distribution	PVIN = VIN = 12V, VDD = 5V; VBST – VSW = 5V; TA = 25°C	1	100