

Product Change Notification / NTDO-26ULQD667

n	2	t	Δ	•
u	а	L	ㄷ	

28-Sep-2022

Product Category:

Motor Drivers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5158 Initial Notice: Qualification of C194 as an additional lead frame material for MTD6508-ADJE/JQ, MTD6508T-ADJE/JQ and MTD6508T-ADJE/JQREL catalog part numbers (CPN) available in 16L UQFN (4x4x0.5mm) package.

Affected CPNs:

 $NTDO-26ULQD667_Affected_CPN_09282022.pdf\\ NTDO-26ULQD667_Affected_CPN_09282022.csv$

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 C194 as an additional lead frame material for MTD6508-ADJE/JQ, MTD6508T-ADJE/JQ and MTD6508T-ADJE/JQREL catalog part numbers (CPN) available in 16L UQFN (4x4x0.5mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change				
Assembly Site	UTAC Thai Limited (UTL-1) LTD	UTAC Thai Limited (UTL-1) LTD	UTAC Thai Limited (UTL-1) LTD			
	(NSEB)	(NSEB)	(NSEB)			
Wire Material	Au	Au	Au			
Die Attach Material	8600	8600	8600			
Molding Compound Material	G700LTD	G700LTD	G700LTD			
Load France Material	EFTEC64T	EFTEC64T	C194			
Lead-Frame Material	See Pre and Post Change Comparison.					
Lead-Frame Paddle Size	110x110 mil	110x110 mil	110x110 mil			
DAP Surface Prep	Ag on lead only	Ag on lead only	Ag on lead only			

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity by qualifying C194 as an additional lead frame material.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:February 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:

	September 2022				^	February 2023					
Workweek	3 6	3 7	3	3 9	4 0		5	6	7	8	9
Initial PCN Issue Date					Х						
Qual Report Availability									Х		

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:September 28, 2022: 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_NTDO-26ULQD667_Qual_Plan.pdf PCN_NTDO-26ULQD667_Pre and Post Change Summary.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

CCB 5158

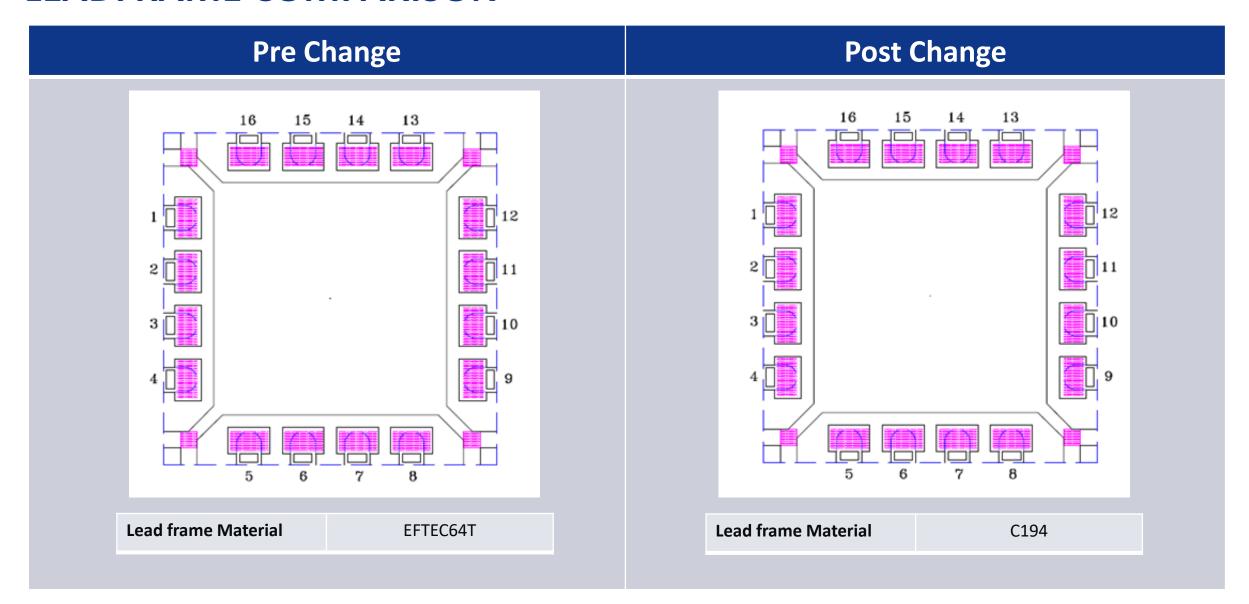
Pre and Post Change Summary PCN #: NTDO-26ULQD667



A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



LEADFRAME COMPARISON





NTDO-26ULQD667 - CCB 5158 Initial Notice: Qualification of C194 as an additional lead frame material for MTD6508-ADJE/JQ, MTD6508T-ADJE/JQ and MTD6508T-ADJE/JQREL catalog part numbers (CPN) available in 16L UQFN (4x4x0.5mm) package.

Affected Catalog Part Numbers (CPN)

MTD6508-ADJE/JQ MTD6508T-ADJE/JQ MTD6508T-ADJE/JQREL

Date: Wednesday, September 28, 2022