



DATE: 17 April, 2019

PCN #: 2386

PCN Title: Addition of A Passivation Layer Over The Top Metal of The Die for
Select Automotive MOSFET Products

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



PRODUCT CHANGE NOTICE

PCN-2386 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
17 April, 2019	17 July, 2019	Discrete - Automotive	Die Passivation	2386
TITLE				
Addition of A Passivation Layer Over The Top Metal of The Die for Select Automotive MOSFET Products				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to improve product manufacturability, Diodes Incorporated has qualified the addition of a passivation layer over the top metal of the die for select automotive MOSFET products.</p> <p>Full electrical characterization and reliability testing has been completed on representative part numbers built with the additional passivation layer to ensure there is no change to product reliability, device functionality or electrical specifications in the datasheet. Refer to the attached qualification / reliability report (embedded in this file).</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p>				
IMPACT				
No change in datasheet parameters				
PRODUCTS AFFECTED				
Please refer to Table 1 for the affected products				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	http://www.diodes.com/contacts			
Data Sheet:	http://www.diodes.com/products			
DISCLAIMER				
Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.				

Table 1 - Affected Products					
ZXMP10A17E6QTA	ZXMP10A17GQTC	ZXMP6A13FQTA	ZXMP6A17DN8QTC	ZXMP6A18DN8QTC	ZXMP7A17GQTC
ZXMP10A13FQTA	ZXMP4A16GQTA	ZXMP6A16DN8QTA	ZXMP6A17E6QTA	ZXMP6A18KQTC	ZXMP7A17KQTC
ZXMP10A17GQTA	ZXMP4A16GQTC	ZXMP6A16KQTC	ZXMP6A17GQTA	ZXMP7A17GQTA	