



Title of Change:	SO16 Package Polyimide Tape Change.
Effective date:	14 Aug 2020
Contact information:	Contact your local ON Semiconductor Sales Office or LengKian.See@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Assembly Change
Change Sub-Category(s):	Manufacturing Process Change

Sites Affected:

ON Semiconductor Sites	External Foundry/Subcon Sites
ON Semiconductor Cebu, Philippines	None

Description and Purpose:

This is to inform you that a change has been implemented in the products listed below.

Unless otherwise indicated in the details of this notification, the identified change will not impact form, fit, or function of the products.

The affected products will retain their original part numbers and remain fully compliant to all published specifications.

Full qualification testing was conducted and the result published on 6th July is attached below:

Implementation of change:

First Shipment Date for Changed Product : July 15, 2020

First Date Code of Changed Product : D2011

Expected First Shipment Date for Changed Product After Full Qualification : July 15 2020

Expected First Date Code of Changed Product After Full Qualification: D2011

Description of Change (From) :

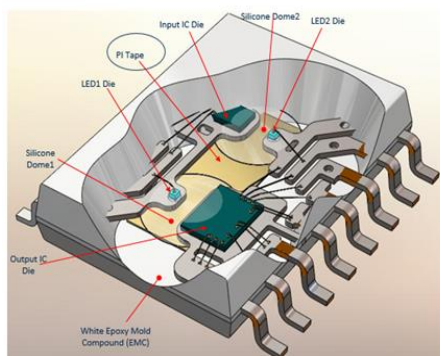
Type A polyimide (PI) tape within the package.

Description of Change (To) :

A new improved type B polyimide (PI) tape within the package.

Reason for Change:

The identified change will improve the reliability and robustness of the products.





This change will take immediate effect on the issue date of this notification.

Please contact your local Customer Quality Engineer if you require any additional data or clarifications.

SOIC-16 Opto coupler PI Tape Qualification

QV DEVICE NAME: FOD8332R2V

RMS : F67472

PACKAGE : SOIC16 AU MCM PBF OS

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= 125°C	1008 hrs	0/231
TC	JESD22-A104	Ta= -40°C to +125°C	500 cyc	0/231
THB	JESD22-A110	85°C, 85% RH, biased	1008 hrs	0/231
UHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL-1 @ 260°C	-	0/693
HTHV	JESD22 A108	Ta=100°C, bias=1kV	1008 hrs	0/90

List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

FOD8316	FOD8316R2	FOD8316R2V
FOD8316V	FOD8318	FOD8318R2
FOD8318R2V	FOD8318V	FOD8332
FOD8332R2	FOD8332R2V	FOD8332V
FOD8333	FOD8333R2	FOD8333R2V
FOD8333V	FOD8334	FOD8334R2



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FOD8316		FOD8332R2V		
FOD8316R2V		FOD8332R2V		
FOD8316V		FOD8332R2V		
FOD8318		FOD8332R2V		
FOD8318R2		FOD8332R2V		
FOD8318R2V		FOD8332R2V		
FOD8318V		FOD8332R2V		
FOD8332		FOD8332R2V		
FOD8332R2		FOD8332R2V		
FOD8332V		FOD8332R2V		
FOD8333		FOD8332R2V		
FOD8333V		FOD8332R2V		
FOD8316R2		FOD8332R2V		