

Product / Process Change Notice

Parts Affected:

The following PNP power transistors:

Part Numbers Affected:

BDX86	PMD11K100	2N6051
BDX86A	PMD11K40	2N6052
BDX86B	PMD11K60	2N6053
BDX86C	PMD11K80	2N6054
BDX88	PMD13K100	2N6648
BDX88A	PMD13K40	2N6649
BDX88B	PMD13K60	2N6650
BDX88C	PMD13K80	
MJ2500	SE9403	
MJ2501	SE9404	
MJ900	SE9405	
MJ901	2N6050	

Extent of Change:

Change in wafer fab, resulting in change in die size from 162 x 162 mils to 110 x 110 mils.

Reason for Change:

As part of Central Semiconductor's supply chain risk mitigation initiative, and in an effort to ensure an undisrupted supply of product, a change in wafer fabrication site is being made for the products referenced above. Product specifications, quality and reliability are not impacted by this change.

Effect of Change:

This change does not affect electrical device characteristics.

Earliest Effective Date of Change:

August 19, 2021

Inventory Availability

Existing inventory will be shipped until depleted.

PCN #217
Notification Date:
June 2, 2021

Qualification:

Test	Condition	Duration	Failure rate
High Temperature Storage Life	Ta=150°C	1000 Hours	0/77
Thermal Shock	dwel time = 5 min, -65°C to +150°C, max transfer time = 20 sec.	100 Cycles	0/77
High Temperature Reverse Bias	Ta=125°C, Bias conditions per device datasheet.	1000 Hours	0/77
Solderability	Steam Age: T=93°C +3/-5°C. Non Pb-free Dip: T=215°C +/-5°C, Pb-free Dip: T=245°C +/-5°C, Dwell time = 5+/-0.5sec	1 Cycle	0/15
Temperature Cycling	Dwell time = 15 min Ta = -65°C to +150°C Transfer time less than 1min.	1000 Cycles	0/77

Sample Availability:

Please contact your salesperson or manufacturer’s representative for samples.

As per JEDEC standard JESD46, Customer Notification of Product/Process Changes by Solid-State Suppliers, a lack of acknowledgement of a PCN within thirty (30) days constitutes acceptance of the change.

The undersigned acknowledges and accepts Central Semiconductor’s Product/Process Change Notification (PCN).

Company Name:	
Address:	
Printed Name:	
Title:	
Signature:	
Date:	