



Microsemi Corporation

August 2016

Initial Product/Process Change Notification No: 2016-010

Change Classification: Major

Subject: Microsemi DPG PDM Non Hermetic Product Supply Chain Update

Description of Change: Microsemi wishes to inform our valued customer base of the decision to review our supply chain and rationalize our manufacturing locations/partners. Time for completion of this rationalization is the end of September 2016. Customer Notification and Discussion on strategy will begin August 2016

Reason for Change: As part of Microsemi's search for continued operational and service efficiencies, current non-hermetic product offering is being reviewed for run rates, revenue, margin and potential growth

Application Impact: For those products that Microsemi will continue to support and develop, alternate sources will be qualified. In order to ensure continued supply of select product, a die bank is being built to act as bridging inventory as alternate sources are qualified. Some product may form part of an end of life notice as the rationalization takes effect.

Method of Identifying Changed Product: This will be addressed through further customer Product Change Notifications on a case by case basis

Products Affected by this Change: See below

Production Shipment Schedule: See above

Qualification Plan: This will be addressed on a case by case basis – Microsemi will utilize existing qualification plans – for example, based on AEC1010 and MIL-PRF-19500 methodologies.

Samples Availability: Not applicable.



Proposed Microsemi Foundry Qualification Plan- Non hermetic Product Families							
Product Family	Rated Standoff Voltage (V_{WM})	Minimum Breakdown Voltage (V_{BR})	Peak Pulse Power Rating	SMD/ Axial	Package	Foundry Source	Qual Status
SMCxLCE	6.5V to 170V	7.22V to 189V	1.5kW	SMD	DO-214AB, DO215AB	MSC Qualified Partner	Q4 2016
P4KE	5.8V to 342V	6.45V to 380V	400W	Axial	DO41 (DO-204AL)	MSC Qualified Partner	Q2 2017
P5KE	5.0V to 170V	6.45V to 189V	500W	Axial	DO41 (DO-204AL)	MSC Qualified Partner	Q2 2017
P6KE	5.8V to 171V	6.45V to 190V	600W	Axial	T-18	MSC Qualified Partner	Q2 2017
1.5KE	5.8V to 324V	6.45V to 380V	1.5kW	Axial	Case 1	MSC Qualified Partner	Q2 2017
LCE	6.5V to 170V	7.22V to 189V	1.5kW	Axial	Case 1	MSC Qualified Partner	Q2 2017
5KP	5.0V to 110V	6.4V to 122V	5kW	Axial	Case 5A (DO-204AR)	MSC Qualified Partner	Q2 2017
15KP	22V to 280V	24.4V to 311V	15kW	Axial	Case 5A (DO-204AR)	MSC Qualified Partner	Q2 2017
RT100KP	40V to 400V	44.4V to 444V	100kW	Axial	Case 5A (DO-204AR)	MSC Qualified Partner	Q2 2017
SMBJSAC	5.0V to 75V	7.60V to 83.3V	500W	SMD	DO-214AA	MSC Qualified Partner	Q4 2016
RT130KP	275V to 295V	300V	130kW	Axial	Case 5A (DO-204AR)	MSC Qualified Partner	Q2 2017
RT65KP	48V to 75V	53.3V to 83.3V	65kW	Axial	Case 5A (DO-204AR)	MSC Qualified Partner	Q2 2017
SMBG2K	3V to 5.0V	4.3V to 5.9V	300 to 2kW	SMD	DO-214AA, DO215AA	TBD	Q3 2017
UPT, UPTB	5V to 48V	6.0V to 54V	150W	SMD	PowerMite 1	TBD	Q3 2017



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Regards,

Microsemi Corporation

Any projected dates in this PCN are based on the most current product information at the time this PCN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

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