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**Microsemi Corporation**

September 2016

**Process Change Notification No: 2016-013****AFFECTED CHANGE CATEGORY: Data Sheet amendment****NOTIFICATION TYPE:**

Process Change Notification (PCN)

**DESCRIPTION AND PURPOSE:**

The correspondence is an official notification to inform customers about the change of die in parts UPS840e3/TR13 & UPS840/TR13.

The new die, which has a size of 102x102mil, will replace current die of size 93mil x 93mil. The new die size was proposed to improve the product design and resolve a failing  $V_F$  at 8 Amps.

Added to the datasheet were:

- A Reverse Voltage versus Capacitance Curve
- A Thermal Impedance Curve
- A  $V_F$  limit @ 15A
- An updated typical Forward Characteristic curve
- An updated typical Reverse Characteristic curve

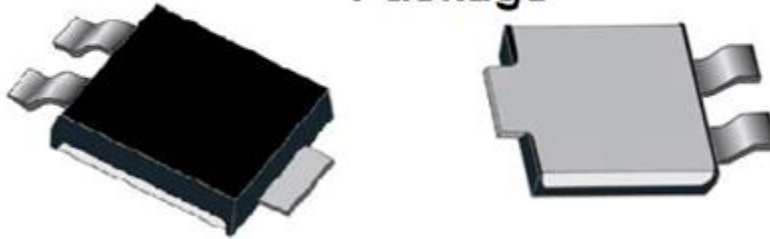
The part specifications are included with this PCN and are also available on the Microsemi website at [www.microsemi.com](http://www.microsemi.com)

**DATE CODE IMPLEMENTATION: 1552****PRODUCT PART NUMBERS AFFECTED BY THIS ANNOUNCEMENT:**

<b>MSC part number</b>	<b>Device type</b>	<b>Description</b>	<b>Package</b>	<b>RoHS / SnPb</b>
UPS840/TR13	Schottky	8.0A, 40V, $V_F=0.45V$	Powermite 3	SnPb
UPS840e3/TR13	Schottky	8.0A, 40V, $V_F=0.45V$	Powermite 3	RoHS



## Powermite 3™ Package



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### Contact Information:

If you have any questions concerning this change please contact your regional Microsemi Sales person: <http://www.microsemi.com/sales-contacts/0>

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Regards,

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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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