



Commercial Business Unit  
Microsemi Corporation

Microsemi Commercial Offshore de Macau Limitada  
Avenida Doutor Mario Soares  
Bank of China Building, 18/F, Unit D  
Macau SAR

## PRODUCT CHANGE NOTIFICATION

Date created : 25<sup>th</sup> November 2013  
Date issued : 28<sup>th</sup> November 2013  
PCN # : 2013-009

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**PCN # 2013-009: Data Sheet amendment for UPS840(e3) product.**

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**PROPOSED FIRST SHIP DATE: 29<sup>th</sup> November 2013**

**AFFECTED CHANGE CATEGORY: Data Sheet amendment**

**AFFECTED PRODUCT DIVISION: Commercial Business Unit**

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact Product Engineer: David Murphy ([david.murphy@microsemi.com](mailto:david.murphy@microsemi.com))

**NOTIFICATION TYPE:**

Process Change Notification (PCN)

**DESCRIPTION AND PURPOSE:**

This correspondence is an official notification that from Date Code 1336 Microsemi will optimize the 8 Amp rated UPS840e3 Product specification as follows:

- Reduction in the leakage current ( $I_R$ ) from 5 mA to 0.5 mA
- Addition of a Typical Reverse Characteristics curve
- Addition of a Typical Forward Characteristics curve
- Increase the 3 Amp Maximum Forward Voltage from 0.37 V to 0.39 V
- Addition of a Symbols and Definitions section

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: 1336**

**PRODUCT PART NUMBERS AFFECTED BY THIS ANNOUNCEMENT:**

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



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### Powermite 3™ Package



#### For further Sales information, please contact:

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#### For all other queries concerning this notification please contact:

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