



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: 12<sup>th</sup> May 2014  
Date issued: 16<sup>th</sup> May 2014  
PCN number: 2014-003

---

**PCN# 2014-003:                      Obsolescence of Non Hermetic 1500 W TVS devices  
(1N63xxx) supplied in the DO-201 package.**

---

**Description of change:**                      Obsolescence of Non Hermetic 1500 W TVS devices  
1N6300xx to 1N6303Axx supplied in the DO-201 package

Please refer to PCN 2013-001 for the obsolescence of the  
1N6267xx through to 1N6299Axx devices

**Alternatives:**                                      Refer to the M1.5KExxx series datasheet for alternative  
products in a Case 1 package. The M prefix parts avail of  
the following benefits

- Controlled die foundries and assembly locations
- Certificate of Conformance with every lot
- Date code marking and increased traceability
- Option of Up-screening
- Controlled Up-screening location
- Increased Electrical testing
- Continuous reliability monitoring programme in place
- Flexible packaging solutions. Full/Partial T&R, Bulk.
- Custom product derivatives available on request

**Product affected:**                                      Parts listed in Table 1

**Implementation of change:**                      Immediate

**Reason for change:**                                      Stream line product offerings to better service our  
customers.



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: 12<sup>th</sup> May 2014  
Date issued: 16<sup>th</sup> May 2014  
PCN number: 2014-003

Table 1

MSC part number	Device type	Package Type	Alternative Part Number
1N6300Ae3/TR13	TVS	Axial	M1.5KE160Ae3
1N6300e3/TR13	TVS	Axial	M1.5KE160Ae3
1N6301Ae3/TR13	TVS	Axial	M1.5KE170Ae3
1N6301e3/TR13	TVS	Axial	M1.5KE170Ae3
1N6302Ae3/TR13	TVS	Axial	M1.5KE180Ae3
1N6302e3/TR13	TVS	Axial	M1.5KE180Ae3
1N6303Ae3/TR13	TVS	Axial	M1.5KE200Ae3
1N6303e3/TR13	TVS	Axial	M1.5KE200Ae3

-----  
**If you have any questions concerning this change, please contact sales on:**

### Americas

Microsemi Lawrence  
6 Lake Street  
Lawrence, MA 01841  
USA  
Tel: (978)620-2600  
[Email: sales.LAW@microsemi.com](mailto:sales.LAW@microsemi.com)

### International

Microsemi Ireland  
Gort Road Business Park  
Ennis, Co. Clare  
Ireland  
Tel: +353 65 68 40044  
[Email: sales.IRE@microsemi.com](mailto:sales.IRE@microsemi.com)

-----  
**For all other queries concerning this notification please contact:**

### PCN 2014-003 Originator

David Murphy  
Product Engineer  
Microsemi Ireland  
Tel: + 353 65 6869140  
[Email: david.murphy@microsemi.com](mailto:david.murphy@microsemi.com)

### Acting Product Line Manager

Shane O'Donnell  
Acting Product Line Manager  
Microsemi Ireland  
Tel: +353 65 6899724  
[Email: sodonnell@microsemi.com](mailto:sodonnell@microsemi.com)