



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: 16th April 2014
Date issued: 17th April 2014
PCN number: 2014-002

PCN # 2014-002: Obsolescence of Non Hermetic TVS Surface Mount packages supplied in SMAJxxx (DO-214AC) package In Tin Lead finish.

Description of change:

Obsolescence of Non Hermetic TVS Surface Mount components supplied as SMAJ (DO-214AC) package with a **SnPb finish**.

Please note that Microsemi does **not** supply Non Hermetic Surface Mount components supplied as SMAG (DO-215AC) package

Note: Supply of TVS SMAJ (DO-214AC) parts with e3 (RoHS) finish will remain active.

Product affected: Parts listed in Appendix 1. Please refer to Matrix Table 1.1 for a summary.

Implementation of change: Immediate

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

Surface mount Non Hermetic TVS SnPb package		Commercial level	
Family		SnPb	e3
SMAJxx/TR13	(listed in Appendix 1)	×	✓
SMAJxxA/TR13	(listed in Appendix 1)	×	✓
SMAJxxC/TR13	(listed in Appendix 1)	×	✓
SMAJxxCA/TR13	(listed in Appendix 1)	×	✓

Matrix Table 1.1 Non Hermetic SMAJxxx TVS Surface mount package

× = Obsolete

✓ = Available (these parts are only available as RoHS compliant parts by adding e3, example for a 10V bipolar TVS, this is available as SMAJ10Ce3/TR13 or SMAJ10CAe3/TR13)

Note: The Tape and Reel size is referenced in the part number as /TRxx where xx = Tape and Reel size. All Commercial components are offered in Tape and Reel form only.



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Appendix 1 Obsolete parts

MSC Pat Number	Device type	Package	Family	Package Type
SMAJ14A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ14CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ14C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ14/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ150A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ150CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ150C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ150/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ15A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ15CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ15C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ15/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ160A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ160CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ160C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ160/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ16A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ16CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ16C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ16/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ170A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ170CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ170C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ170/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ17A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ17CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ17C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ17/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ180A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ180CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ180C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ180/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount



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SMAJ18A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ18CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ18C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ18/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ200A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ200CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ200C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ200/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ20A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ20CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ20C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ20/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ220A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ220CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ220C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ220/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ22A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ22CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ22C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ22/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ24A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ24CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ24C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ24/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ250A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ250CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ250C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ250/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ26A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ26CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ26C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ26/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ28A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ28CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ28C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount



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SMAJ28/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ300A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ300CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ300C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ300/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ30A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ30CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ30C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ30/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ33A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ33CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ33C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ33/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ350A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ350CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ350C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ350/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ36A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ36CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ36C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ36/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ400A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ400CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ400C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ400/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ40A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ40CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ40C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ40/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ43A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ43CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ43C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ43/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ440A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ440CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount



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SMAJ440C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ440/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ45A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ45CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ45C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ45/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ48A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ48CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ48C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ48/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ5.0A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ5.0CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ5.0C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ5.0/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ51A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ51CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ51C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ51/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ54A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ54CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ54C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ54/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ58A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ58CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ58C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ58/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ6.0A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ6.0CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ6.0C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ6.0/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ6.5A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ6.5CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ6.5C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ6.5/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ60A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount



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SMAJ60C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ60/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ64A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ64CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ64C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ64/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ7.0A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ7.0CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ7.0C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ7.0/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ7.5A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ7.5CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ7.5C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ7.5/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ70A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ70CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ70C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ70/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ75A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ75CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ75C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ75/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ78A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ78CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ78C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ78/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ8.0A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ8.0CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ8.0C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ8.0/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ8.5A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ8.5CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ8.5C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ8.5/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount



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SMAJ85A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ85CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ85C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ85/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ9.0A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ9.0CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ9.0C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ9.0/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount
SMAJ90A/TR13	TVS	SMAJ (DO-214AC)	SMAJxxA	Surface mount
SMAJ90CA/TR13	TVS	SMAJ (DO-214AC)	SMAJxxCA	Surface mount
SMAJ90C/TR13	TVS	SMAJ (DO-214AC)	SMAJxxC	Surface mount
SMAJ90/TR13	TVS	SMAJ (DO-214AC)	SMAJxx	Surface mount