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RoHS Lab Analysis Report and Certification

HF Halogen Free

Product Description: **TVS Diode SMA Suf MT T&R**
Product Number: **P4SMA20CA**

This document hereby certifies that the aforementioned product and all its associated materials, are in compliance with RoHS Directive (EU) 2015/863 of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Furthermore, it is hereby reported that the aforementioned product is composed of the following materials wherein valid Eu RoHS exemptions may be indicated as applicable.

Table 1. Product material composition and applicable RoHS exemption(s)

ICP ID	Raw Material Part Number	Raw Material Description	Applicable RoHS Exemption(s)
ICP-0027	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-0038	Copper	Lead Frame/Clip	
ICP-0050	F367SN10-86D4	Solder Paste	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-2741	Pure Matte Tin	Tin Plating (SMD)	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
7c-I - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (piezoelectronic devices) or in a glass or ceramic matrix compound

To view the third party RoHS validation report of these materials, see download procedure below.
1. Go to "ICP Test Report" section in LFBC. (ICP Test report is located below Information Database)
2. Find and download the ICP report using ICP ID in the search box.

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