

## RoHS Lab Analysis Report and Certification



**Product Description:** TVS 1.5KW 30V 5%UNI DO-214AB TR13 RoHS  
**Product Number:** TPSMC30A

This document hereby certifies that the aforementioned product and all its associated materials, are in compliance with RoHS Directive 2011/65/EU 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	Silicon+Ni	Silicon Chip	
ICP-0029	-	Glass Passivation - Powder	7c-l
ICP-1780	-	Lead Frame	
ICP-0377	-	Clip	
ICP-0050	F367SN10-90P4	Solder Paste	7a
ICP-1558	EME-G720C	Epoxy Molding Compound	
ICP-0040	-	Tin Plating	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)  
7c-l - 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. Open the FTP website on your windows explorer: [ftp://pubftp.littelfuse.com/ICP\\_Test\\_Reports/](ftp://pubftp.littelfuse.com/ICP_Test_Reports/)
2. Retrieve the username and password thru your corresponding Sales / FAE or email [envrequests@littelfuse.com](mailto:envrequests@littelfuse.com)
3. Find the corresponding ICP ID and download the corresponding ICP report.

**Issued by:**



Diana Jane D. Gabinete  
Environmental Data Analyst

**Noted by:**



Arsenio M. Cesista, Jr.  
Global EHS Manager

## RoHS Lab Analysis Report and Certification



**Product Description:** TVS 1.5KW 27V 5%UNI DO-214AB TR13 RoHS  
**Product Number:** TPSMC27A

This document hereby certifies that the aforementioned product and all its associated materials, are in compliance with RoHS Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

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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	Silicon+Ni	Silicon Chip	
ICP-0029	-	Glass Passivation - Powder	7c-I
ICP-1780	-	Lead Frame	
ICP-0377	-	Clip	
ICP-0050	F367SN10-90P4	Solder Paste	7a
ICP-1558	EME-G720C	Epoxy Molding Compound	
ICP-0040	-	Tin Plating	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)  
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**Issued by:**



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**Noted by:**



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Global EHS Manager

## RoHS Lab Analysis Report and Certification



**Product Description:** TVS 1.5KW 36V 5%UNI DO-214AB TR13 RoHS  
**Product Number:** TPSMC36A

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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	Silicon+Ni	Silicon Chip	
ICP-0029	-	Glass Passivation - Powder	7c-l
ICP-1780	-	Lead Frame	
ICP-0377	-	Clip	
ICP-0050	F367SN10-90P4	Solder Paste	7a
ICP-1558	EME-G720C	Epoxy Molding Compound	
ICP-0040	-	Tin Plating	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)  
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**Issued by:**



Diana Jane D. Gabinete  
Environmental Data Analyst

**Noted by:**



Arsenio M. Cesista, Jr.  
Global EHS Manager

## RoHS Lab Analysis Report and Certification



**Product Description:** TVS 1.5KW 39V 5%BI DO-214AB TR13 RoHS  
**Product Number:** TPSMC39CA

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ICP-0029	-	Glass Passivation - Powder	7c-l
ICP-1780	-	Lead Frame	
ICP-0377	-	Clip	
ICP-0050	F367SN10-90P4	Solder Paste	7a
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ICP-0040	-	Tin Plating	

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**Issued by:**   
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 Global EHS Supervisor

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## RoHS Lab Analysis Report and Certification



**Product Description:** TVS 1.5KW 33V 5%BI DO-214AB TR13 RoHS  
**Product Number:** TPSMC33CA

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ICP-0377	-	Clip	
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Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)  
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**Product Number:** TPSPMC30CA

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