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RoHS Lab Analysis Report and Certification

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Product Description: **TVS DIODE AXIAL LEAD - P6KE51CA T&R**
Product Number: **P6KE51CA**

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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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. Open the FTP website on your windows explorer: ftp://pubftp.littelfuse.com/ICP_Test_Reports/
2. Retrieve the username and password thru your corresponding Sales / FAE or email envrequests@littelfuse.com
3. Find the corresponding ICP ID and download the corresponding ICP report.

Issued by:
Jennilyn R. Dinglasan
Global EHS Supervisor

Noted by: Arsenio M. Cesista, Jr.
Global EHS Manager

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Product Description: **TVS DIODE AXIAL LEAD - P6KE15A T&R**
Product Number: **P6KE15A**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE180A T&R**
Product Number: **P6KE180A**

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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	-	Wafer Passivation - Glass	7c-I
ICP-1371	Alloy Copper	Lead Wire	
ICP-0031	-	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating	
ICP-0035	-	Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE350CA T&R**
Product Number: **P6KE350CA**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0042	Copper With Ag Plating	Copper Spacer	
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE300A T&R**
Product Number: **P6KE300A**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
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RoHS Lab Analysis Report and Certification

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Product Description: **TVS DIODE AXIAL LEAD - P6KE15CA BULK**
Product Number: **P6KE15CA-B**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

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

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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-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
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Product Description: **TVS DIODE AXIAL LEAD - P6KE130A T&R**
Product Number: **P6KE130A**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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RoHS Lab Analysis Report and Certification

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Product Description: **TVS 600W 180V 5%UNI DO-15 TB RoHS**
Product Number: **P6KE180A-TB**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

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

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RoHS Lab Analysis Report and Certification

Product Description: **TVS DIODE AXIAL LEAD - P6KE18CA T&R**
Product Number: **P6KE18CA**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
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RoHS Lab Analysis Report and Certification

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Product Description: **TVS DIODE AXIAL LEAD - P6KE12CA T&R**
Product Number: **P6KE12CA**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation - Glass (White Powder)	7c-I
ICP-1371	Pure Matte Tin	Leadframe	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer (Silvery Solder Wafer)	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
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Product Description: **TVS DIODE AXIAL LEAD - P6KE20A T&R**
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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer (Silvery Solder Wafer)	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
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Product Description: **TVS DIODE AXIAL LEAD - P6KE7.5CA T&R**
Product Number: **P6KE7.5CA**

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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer (Silvery Solder Wafer)	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
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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	IC Wafer	Silicon Chip	
ICP-0029	Propriety	Wafer Passivation - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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.

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Product Description: **TVS DIODE AXIAL LEAD - P6KE22A T&R**
Product Number: **P6KE22A**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE36A T&R**
Product Number: **P6KE36A**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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.

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Product Description: **TVS DIODE AXIAL LEAD - P6KE68A T&R**
Product Number: **P6KE68A**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE120A T&R**
Product Number: **P6KE120A**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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.

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Product Description: TVS DIODE AXIAL LEAD - P6KE200A T&R
Product Number: P6KE200A

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: TVS DIODE AXIAL LEAD - P6KE220A T&R
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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE550A T&R**
Product Number: **P6KE550A**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0042	Copper With Ag Plating	Copper Spacer	
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE510CA T&R**
Product Number: **P6KE510CA**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0042	Copper With Ag Plating	Copper Spacer	
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS 600W 300V 5%UNI DO-15 TB RoHS**
Product Number: **P6KE300A-TB26**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE33CA T&R**
Product Number: **P6KE33CA**

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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-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Ink (Silver Gray Ink)	

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

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Product Description: **TVS DIODE AXIAL LEAD - P6KE250A T&R**
Product Number: **P6KE250A**

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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 - Glass (White Powder)	7c-I
ICP-1371	Alloy Copper	Lead Wire (Copper Metal)	
ICP-0031	Pb:Sn:Ag=92.5:5:2.5	Solder Wafer	7a
ICP-0028	EME-E110G	Epoxy Molding Compound	
ICP-0034	Pure Matte Tin	Tin Plating - Axial	
ICP-0035	-	UV Silver Ink	

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

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