



## Material Content Data Sheet



<b>Sales Product Name</b>		ESD24VS2U E6327		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000763500							
<b>Package</b>		PG-SOT23-3-3		<b>Weight*</b>		8.70 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	tin	7440-31-5	0.003	0.03		330		
	noble metal	gold	7440-57-5	0.011	0.13		1278		
	inorganic material	silicon	7440-21-3	0.136	1.56	1.72	15603	17211	
leadframe	non noble metal	nickel	7440-02-0	1.142	13.14		131353		
	non noble metal	iron	7439-89-6	1.578	18.14	31.28	181393	312746	
wire	noble metal	gold	7440-57-5	0.015	0.17	0.17	1739	1739	
	encapsulation	organic material	carbon black	1333-86-4	0.089	1.02		10221	
		inorganic material	antimonytrioxide	1309-64-4	0.133	1.53		15331	
		plastics	brominated resin	-	0.167	1.92		19164	
		plastics	epoxy resin	-	1.389	15.97		159701	
		inorganic material	silicondioxide	60676-86-0	3.778	43.44	63.88	434386	638803
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17206	17206	
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12295	12295	
*deviation	< 10%				Sum in total:		100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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