



## Material Content Data Sheet



<b>Sales Product Name</b>		ESD5V0S2U-06 E6327		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000747002						
<b>Package</b>		PG-SOT23-3-6		<b>Weight*</b>		8.98 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		31	
	noble metal	gold	7440-57-5	0.028	0.31		3063	
	inorganic material	silicon	7440-21-3	0.235	2.62	2.93	26156	29250
leadframe	non noble metal	nickel	7440-02-0	1.252	13.94		139390	
	non noble metal	iron	7439-89-6	1.728	19.25	33.19	192491	331881
wire	noble metal	gold	7440-57-5	0.045	0.50	0.50	4993	4993
	encapsulation	organic material	carbon black	1333-86-4	0.087	0.96		9645
	inorganic material	antimonytrioxide	1309-64-4	0.130	1.45		14467	
	plastics	brominated resin	-	0.162	1.81		18084	
	plastics	epoxy resin	-	1.353	15.07		150700	
	inorganic material	silicondioxide	60676-86-0	3.681	40.98	60.27	409903	602799
leadfinish	non noble metal	tin	7440-31-5	0.150	1.67	1.67	16665	16665
plating	noble metal	silver	7440-22-4	0.129	1.44	1.44	14412	14412
*deviation	< 10%		Sum in total:			100,00		1000000

### Important Remarks:

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