



## Material Content Data Sheet



Sales Product Name	ESD5V0S1U-03W E6327			Issued		29. August 2013		
MA#	MA000312386							
Package	PG-SOD323-2-1			Weight*		4.50 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	0.014	0.31		3057	
	inorganic material	silicon	7440-21-3	0.117	2.61	2.92	26107	29195
leadframe	non noble metal	chromium	7440-47-3	0.004	0.09		929	
	inorganic material	silicon	7440-21-3	0.000	0.01		62	
	non noble metal	titanium	7440-32-6	0.001	0.03		310	
	non noble metal	copper	7440-50-8	1.387	30.84	30.97	308385	309686
wire	noble metal	gold	7440-57-5	0.020	0.45	0.45	4483	4483
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.031	0.69		6938	
	organic material	carbon black	1333-86-4	0.031	0.69		6938	
	plastics	brominated resin	-	0.077	1.70		17029	
	plastics	epoxy resin	-	0.712	15.83		158303	
	inorganic material	silicondioxide	60676-86-0	1.986	44.16	63.07	441484	630692
leadfinish	non noble metal	tin	7440-31-5	0.076	1.69	1.69	16929	16929
plating	noble metal	silver	7440-22-4	0.041	0.90	0.90	9015	9015
*deviation	< 10%	Sum in total:				100,00		1000000

### Important Remarks:

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