



## Material Content Data Sheet



<b>Sales Product Name</b>		BAT 54-03W E6327		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000444802							
<b>Package</b>		PG-SOD323-2-1		<b>Weight*</b>		4.46 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		7		
	noble metal	gold	7440-57-5	0.003	0.07		672		
	inorganic material	silicon	7440-21-3	0.026	0.57	0.64	5740	6419	
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		63		
	non noble metal	titanium	7440-32-6	0.001	0.03		313		
	non noble metal	chromium	7440-47-3	0.004	0.09		938		
	non noble metal	copper	7440-50-8	1.387	31.14	31.27	311352	312666	
wire	noble metal	gold	7440-57-5	0.006	0.14	0.14	1428	1428	
	encapsulation	inorganic material	antimonytrioxide	0.032	0.72		7186		
	organic material	carbon black	1333-86-4	0.032	0.72		7186		
	plastics	brominated resin	-	0.079	1.76		17639		
	plastics	epoxy resin	-	0.731	16.40		163977		
	inorganic material	silicondioxide	60676-86-0	2.037	45.73	65.33	457306	653294	
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17092	17092	
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9101	9101	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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