



## Material Content Data Sheet



<b>Sales Product Name</b>		BAT 15-04R E6152		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA000962910						
<b>Package</b>		PG-SOT23-3-16		<b>Weight*</b>		8.82 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.004	0.04		438	
	non noble metal	arsenic	7440-38-2	0.000	0.00		4	
	inorganic material	silicon	7440-21-3	0.033	0.37	0.41	3741	4183
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		932	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		311	
	non noble metal	copper	7440-50-8	2.731	30.95	31.08	309490	310795
wire	noble metal	gold	7440-57-5	0.014	0.16	0.16	1569	1569
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6552	
	plastics	brominated resin	-	0.087	0.98		9828	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13104	
	plastics	epoxy resin	-	1.243	14.09		140869	
	inorganic material	silicondioxide	60676-86-0	4.278	48.48	65.52	484850	655203
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16959	16959
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11291	11291
*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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