



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS716G		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001365132						
<b>Package</b>		PG-DSO-20-32		<b>Weight*</b>		477.89 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	7.009	1.47	1.47	14667	14667
leadframe	inorganic material	phosphorus	7723-14-0	0.036	0.01		75	
	non noble metal	zinc	7440-66-6	0.143	0.03		299	
	non noble metal	iron	7439-89-6	2.862	0.60		5988	
wire	non noble metal	copper	7440-50-8	116.197	24.31	24.95	243147	249509
	non noble metal	aluminium	7429-90-5	0.431	0.09	0.09	902	902
	encapsulation	organic material	carbon black	1333-86-4	0.692	0.14		1448
plastics	plastics	epoxy resin	-	31.835	6.66		66617	
		inorganic material	silicondioxide	60676-86-0	313.508	65.62	72.42	656028
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5746	5746
plating	noble metal	silver	7440-22-4	0.392	0.08	0.08	821	821
glue	plastics	epoxy resin	-	0.356	0.07		746	
		noble metal	silver	7440-22-4	1.680	0.35	0.42	3516
*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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