



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS5016-1EKB		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001594190						
<b>Package</b>		PG-DSO-14-47		<b>Weight*</b>		150.49 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	3.081	2.05	2.05	20471	20471
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		460	
	non noble metal	iron	7439-89-6	1.383	0.92		9193	
wire	non noble metal	copper	7440-50-8	56.175	37.33	38.31	373278	383046
	non noble metal	copper	7440-50-8	0.560	0.37	0.37	3724	3724
	encapsulation	organic material	carbon black	1333-86-4	0.169	0.11		1121
plastics	plastics	epoxy resin	-	7.758	5.16		51551	
	inorganic material	silicondioxide	60676-86-0	76.398	50.76	56.03	507660	560332
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16424	16424
plating	noble metal	silver	7440-22-4	1.470	0.98	0.98	9770	9770
glue	plastics	epoxy resin	-	0.164	0.11		1091	
	noble metal	silver	7440-22-4	0.774	0.51	0.62	5142	6233
*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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