



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS3408G	<b>Issued</b>	12. April 2021
<b>MA#</b>	MA002279454		
<b>Package</b>	PG-DSO-8-36	<b>Weight*</b>	84.18 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	5.135	6.10	6.10	61001	61001
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.036	0.04		426	
	non noble metal	iron	7439-89-6	0.717	0.85		8519	
	non noble metal	copper	7440-50-8	29.121	34.59	35.49	345924	354975
wire	noble metal	gold	7440-57-5	0.478	0.57	0.57	5683	5683
encapsulation	organic material	carbon black	1333-86-4	0.091	0.11		1076	
	plastics	epoxy resin	-	4.168	4.95		49514	
	inorganic material	silicondioxide	60676-86-0	41.048	48.76	53.82	487601	538191
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9667	9667
plating	noble metal	silver	7440-22-4	0.650	0.77	0.77	7724	7724
glue	plastics	acrylic resin	-	0.421	0.50		5007	
	noble metal	silver	7440-22-4	1.494	1.78	2.28	17752	22759
*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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