



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS3408G		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001089396						
<b>Package</b>		PG-DSO-8-36		<b>Weight*</b>		84.52 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	6.08	6.08	60758	60758
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.036	0.04		424	
	non noble metal	iron	7439-89-6	0.717	0.85		8485	
wire	non noble metal	copper	7440-50-8	29.121	34.45	35.35	344542	353557
	noble metal	gold	7440-57-5	0.856	1.01	1.01	10124	10124
	encapsulation	organic material	carbon black	1333-86-4	0.091	0.11		1071
plastics	plastics	epoxy resin	-	4.165	4.93		49273	
	inorganic material	silicondioxide	60676-86-0	41.012	48.52	53.56	485227	535571
leadfinish	non noble metal	tin	7440-31-5	0.814	0.96	0.96	9629	9629
plating	noble metal	silver	7440-22-4	0.650	0.77	0.77	7693	7693
glue	plastics	acrylic resin	-	0.421	0.50		4987	
	noble metal	silver	7440-22-4	1.494	1.77	2.27	17681	22668
*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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