



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS724G		<b>Issued</b>		10. August 2018		
<b>MA#</b>		MA002229684						
<b>Package</b>		PG-DSO-20-32		<b>Weight*</b>		479.28 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	4.733	0.99	0.99	9876	9876
chip_2	inorganic material	silicon	7440-21-3	4.733	0.99	0.99	9876	9876
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		5971	
wire	non noble metal	copper	7440-50-8	116.197	24.24	24.88	242441	248786
	non noble metal	aluminium	7429-90-5	0.417	0.09	0.09	870	870
	organic material	carbon black	1333-86-4	0.687	0.14		1433	
encapsulation	plastics	epoxy resin	-	31.594	6.59		65920	
	inorganic material	silicondioxide	60676-86-0	311.134	64.91	71.64	649170	716523
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5729	5729
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.341	0.07		712	
	noble metal	silver	7440-22-4	1.177	0.25	0.32	2455	3169
glue	plastics	epoxy resin	-	0.434	0.09		905	
	noble metal	silver	7440-22-4	2.045	0.43	0.52	4266	5171
*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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