



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS7040-2EPA		<b>Issued</b>		4. October 2018			
<b>MA#</b>		MA003783058							
<b>Package</b>		PG-TSDSO-14-22		<b>Weight*</b>		64.87 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	0.954	1.47	1.47	14709	14709	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145		
		non noble metal	zinc	7440-66-6	0.038	0.06		581	
		non noble metal	iron	7439-89-6	0.754	1.16		11624	
wire	non noble metal	non noble metal	copper	7440-50-8	30.617	47.21	48.44	471998	484348
		non noble metal	copper	7440-50-8	0.387	0.60	0.60	5966	5966
		encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1355
encapsulation	plastics	plastics	epoxy resin	-	3.428	5.28		52848	
		inorganic material	silicondioxide	60676-86-0	25.784	39.75	45.17	397491	451694
		leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25308
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12581	12581	
glue	plastics	plastics	epoxy resin	-	0.061	0.09		944	
		noble metal	silver	7440-22-4	0.289	0.44	0.53	4450	5394
*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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