



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS7040-2EPA	<b>Issued</b>	12. April 2021
<b>MA#</b>	MA005403594		
<b>Package</b>	PG-TSDSO-14-22	<b>Weight*</b>	64.86 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	14710	14710
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		11625	
	non noble metal	copper	7440-50-8	30.617	47.21	48.44	472019	484370
wire	non noble metal	copper	7440-50-8	0.383	0.59	0.59	5911	5911
encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1355	
	plastics	epoxy resin	-	3.428	5.29		52852	
	inorganic material	silicondioxide	60676-86-0	25.785	39.75	45.18	397518	451725
leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25309	25309
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12581	12581
glue	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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