

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7040-2EPA	**Issued**	08. April 2022
MA#	MA005711358		
Package	PG-TSDSO-14-22	**Weight***	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	
	non noble metal	copper	7440-50-8	30.617	47.21	48.44	471998	484348
wire	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	
	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	25308
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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