



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS7010-1EPA	Issued	22. April 2022
MA#	MA005713399		
Package	PG-TSDSO-14-22	Weight*	65.02 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	0.795	1.22	1.22	12230	12230
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.038	0.06		580	
	non noble metal	iron	7439-89-6	0.754	1.16		11597	
	non noble metal	copper	7440-50-8	30.617	47.09	48.32	470884	483206
wire	non noble metal	copper	7440-50-8	0.642	0.99	0.99	9872	9872
encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1357	
	plastics	epoxy resin	-	3.441	5.29		52915	
	inorganic material	silicondioxide	60676-86-0	25.878	39.80	45.23	397991	452263
leadfinish	non noble metal	tin	7440-31-5	1.642	2.52	2.52	25248	25248
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12551	12551
glue	plastics	epoxy resin	-	0.053	0.08		810	
	noble metal	silver	7440-22-4	0.248	0.38	0.46	3820	4630
*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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