

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7012-1EPA	**Issued**	27. April 2022
MA#	MA005714953		
Package	PG-TSDSO-14-22	**Weight***	64.90 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	0.766	1.18	1.18	11806	11806
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		11619	
	non noble metal	copper	7440-50-8	30.617	47.18	48.41	471762	484107
wire	non noble metal	copper	7440-50-8	0.495	0.76	0.76	7633	7633
encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1362	
	plastics	epoxy resin	-	3.448	5.31		53125	
	inorganic material	silicondioxide	60676-86-0	25.932	39.96	45.41	399571	454058
leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25295	25295
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12574	12574
glue	plastics	epoxy resin	-	0.051	0.08		792	
	noble metal	silver	7440-22-4	0.242	0.37	0.45	3735	4527
*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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