

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7040-1EPZ	**Issued**	27. April 2022
MA#	MA005714950		
Package	PG-TSDSO-14-22	**Weight***	64.69 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	0.609	0.94	0.94	9419	9419
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		146	
	non noble metal	zinc	7440-66-6	0.038	0.06		583	
	non noble metal	iron	7439-89-6	0.754	1.17		11656	
	non noble metal	copper	7440-50-8	30.617	47.32	48.56	473297	485682
wire	non noble metal	copper	7440-50-8	0.275	0.43	0.43	4256	4256
encapsulation	organic material	carbon black	1333-86-4	0.089	0.14		1376	
	plastics	epoxy resin	-	3.472	5.37		53670	
	inorganic material	silicondioxide	60676-86-0	26.113	40.37	45.88	403674	458720
leadfinish	non noble metal	tin	7440-31-5	1.642	2.54	2.54	25377	25377
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12615	12615
glue	plastics	epoxy resin	-	0.045	0.07		688	
	noble metal	silver	7440-22-4	0.210	0.32	0.39	3243	3931
*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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