

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71040-4ESE	**Issued**	27. April 2022
MA#	MA005714666		
Package	PG-TSDSO-24-42	**Weight***	111.92 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	1.959	1.75	1.75	17504	17504
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.064	0.06		569	
	non noble metal	iron	7439-89-6	1.274	1.14		11379	
	non noble metal	copper	7440-50-8	51.711	46.21	47.42	462038	474128
wire	non noble metal	copper	7440-50-8	0.722	0.64	0.64	6449	6449
encapsulation	organic material	carbon black	1333-86-4	0.154	0.14		1380	
	plastics	epoxy resin	-	6.022	5.38		53805	
	inorganic material	silicondioxide	60676-86-0	45.292	40.47	45.99	404690	459875
leadfinish	non noble metal	tin	7440-31-5	2.781	2.48	2.48	24850	24850
plating	noble metal	silver	7440-22-4	1.318	1.18	1.18	11773	11773
glue	plastics	epoxy resin	-	0.106	0.09		949	
	noble metal	silver	7440-22-4	0.501	0.45	0.54	4472	5421
*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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