

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71220-4ESA	**Issued**	15. April 2021
MA#	MA005404055		
Package	PG-TSDSO-24-32	**Weight***	112.72 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	2.514	2.23	2.23	22304	22304
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.064	0.06		567	
	non noble metal	iron	7439-89-6	1.279	1.13		11346	
	non noble metal	copper	7440-50-8	51.928	46.07	47.27	460675	472730
wire	non noble metal	copper	7440-50-8	1.345	1.19	1.19	11935	11935
encapsulation	organic material	carbon black	1333-86-4	0.152	0.14		1350	
	plastics	epoxy resin	-	5.934	5.26		52647	
	inorganic material	silicondioxide	60676-86-0	44.635	39.60	45.00	395980	449977
leadfinish	non noble metal	tin	7440-31-5	2.781	2.47	2.47	24673	24673
plating	noble metal	silver	7440-22-4	1.324	1.17	1.17	11742	11742
glue	plastics	epoxy resin	-	0.131	0.12		1162	
	noble metal	silver	7440-22-4	0.617	0.55	0.67	5477	6639
*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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