

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS72220-4ESA	**Issued**	15. April 2021
MA#	MA005404032		
Package	PG-TSDSO-24-32	**Weight***	113.22 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	3.687	3.26	3.26	32563	32563
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		141	
	non noble metal	zinc	7440-66-6	0.064	0.06		565	
	non noble metal	iron	7439-89-6	1.279	1.13		11295	
	non noble metal	copper	7440-50-8	51.928	45.85	47.05	458640	470641
wire	non noble metal	copper	7440-50-8	1.618	1.43	1.43	14290	14290
encapsulation	organic material	carbon black	1333-86-4	0.149	0.13		1312	
	plastics	epoxy resin	-	5.792	5.12		51153	
	inorganic material	silicondioxide	60676-86-0	43.561	38.47	43.72	384740	437205
leadfinish	non noble metal	tin	7440-31-5	2.781	2.46	2.46	24564	24564
plating	noble metal	silver	7440-22-4	1.324	1.17	1.17	11690	11690
glue	plastics	epoxy resin	-	0.179	0.16		1583	
	noble metal	silver	7440-22-4	0.845	0.75	0.91	7464	9047
*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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