

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS70020-1ESP	**Issued**	08. February 2022
MA#	MA005353575		
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	2.255	2.00	2.00	20008	20008
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	46.08	47.28	460682	472737
wire	non noble metal	copper	7440-50-8	1.434	1.27	1.27	12725	12725
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1356	
	plastics	epoxy resin	-	5.963	5.29		52903	
	inorganic material	silicondioxide	60676-86-0	44.851	39.79	45.22	397903	452162
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	-	0.117	0.10		1042	
	noble metal	silver	7440-22-4	0.554	0.49	0.59	4911	5953
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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