

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7020-2EPA	**Issued**	22. April 2022
MA#	MA005713541		
Package	PG-TSDSO-14-22	**Weight***	65.19 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	1.263	1.94	1.94	19368	19368
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.038	0.06		578	
	non noble metal	iron	7439-89-6	0.754	1.16		11566	
	non noble metal	copper	7440-50-8	30.617	46.96	48.19	469635	481924
wire	non noble metal	copper	7440-50-8	0.709	1.09	1.09	10878	10878
encapsulation	organic material	carbon black	1333-86-4	0.087	0.13		1331	
	plastics	epoxy resin	-	3.384	5.19		51905	
	inorganic material	silicondioxide	60676-86-0	25.451	39.04	44.36	390394	443630
leadfinish	non noble metal	tin	7440-31-5	1.642	2.52	2.52	25181	25181
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12517	12517
glue	plastics	epoxy resin	-	0.074	0.11		1138	
	noble metal	silver	7440-22-4	0.350	0.54	0.65	5364	6502
*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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