

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7020-2EPA	**Issued**	12. April 2021
MA#	MA005403399		
Package	PG-TSDSO-14-22	**Weight***	65.17 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	19373	19373
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		11570	
	non noble metal	copper	7440-50-8	30.617	46.98	48.21	469776	482069
wire	non noble metal	copper	7440-50-8	0.684	1.05	1.05	10494	10494
encapsulation	organic material	carbon black	1333-86-4	0.087	0.13		1332	
	plastics	epoxy resin	-	3.385	5.19		51930	
	inorganic material	silicondioxide	60676-86-0	25.456	39.06	44.38	390588	443850
leadfinish	non noble metal	tin	7440-31-5	1.642	2.52	2.52	25189	25189
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12521	12521
glue	plastics	epoxy resin	-	0.074	0.11		1138	
	noble metal	silver	7440-22-4	0.350	0.54	0.65	5366	6504
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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