

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7040-2EPA	**Issued**	12. April 2021
MA#	MA005403594		
Package	PG-TSDSO-14-22	**Weight***	64.86 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	0.954	1.47	1.47	14710	14710
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.038	0.06		581	
	non noble metal	iron	7439-89-6	0.754	1.16		11625	
	non noble metal	copper	7440-50-8	30.617	47.21	48.44	472019	484370
wire	non noble metal	copper	7440-50-8	0.383	0.59	0.59	5911	5911
encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1355	
	plastics	epoxy resin	-	3.428	5.29		52852	
	inorganic material	silicondioxide	60676-86-0	25.785	39.75	45.18	397518	451725
leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25309	25309
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12581	12581
glue	plastics	epoxy resin	-	0.061	0.09		944	
	noble metal	silver	7440-22-4	0.289	0.44	0.53	4450	5394
*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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