

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7008-1EPA	**Issued**	27. April 2022
MA#	MA005714041		
Package	PG-TSDSO-14-22	**Weight***	65.04 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	0.856	1.32	1.32	13159	13159
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.038	0.06		580	
	non noble metal	iron	7439-89-6	0.754	1.16		11593	
	non noble metal	copper	7440-50-8	30.617	47.07	48.30	470742	483060
wire	non noble metal	copper	7440-50-8	0.647	1.00	1.00	9954	9954
encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1354	
	plastics	epoxy resin	-	3.433	5.28		52788	
	inorganic material	silicondioxide	60676-86-0	25.823	39.70	45.12	397035	451177
leadfinish	non noble metal	tin	7440-31-5	1.642	2.52	2.52	25240	25240
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12547	12547
glue	plastics	epoxy resin	-	0.055	0.09		851	
	noble metal	silver	7440-22-4	0.261	0.40	0.49	4012	4863
*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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