

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7004-1EPP	**Issued**	12. April 2021
MA#	MA005402765		
Package	PG-TSDSO-14-22	**Weight***	65.29 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	1.355	2.08	2.08	20751	20751
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		144	
	non noble metal	zinc	7440-66-6	0.038	0.06		577	
	non noble metal	iron	7439-89-6	0.754	1.15		11549	
	non noble metal	copper	7440-50-8	30.617	46.90	48.12	468927	481197
wire	non noble metal	copper	7440-50-8	0.806	1.24	1.24	12352	12352
encapsulation	organic material	carbon black	1333-86-4	0.086	0.13		1324	
	plastics	epoxy resin	-	3.371	5.16		51624	
	inorganic material	silicondioxide	60676-86-0	25.351	38.83	44.12	388280	441228
leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25143	25143
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12499	12499
glue	plastics	epoxy resin	-	0.078	0.12		1195	
	noble metal	silver	7440-22-4	0.368	0.56	0.68	5635	6830
*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.
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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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