

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7004-1EPZ	**Issued**	27. April 2022
MA#	MA005714814		
Package	PG-TSDSO-14-22	**Weight***	65.28 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	20755	20755
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		144	
	non noble metal	zinc	7440-66-6	0.038	0.06		578	
	non noble metal	iron	7439-89-6	0.754	1.16		11551	
	non noble metal	copper	7440-50-8	30.617	46.91	48.14	469006	481279
wire	non noble metal	copper	7440-50-8	0.792	1.21	1.21	12137	12137
encapsulation	organic material	carbon black	1333-86-4	0.086	0.13		1324	
	plastics	epoxy resin	-	3.371	5.16		51638	
	inorganic material	silicondioxide	60676-86-0	25.354	38.84	44.13	388387	441349
leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25147	25147
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12501	12501
glue	plastics	epoxy resin	-	0.078	0.12		1196	
	noble metal	silver	7440-22-4	0.368	0.56	0.68	5636	6832
*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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