

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7002-1EPP	**Issued**	12. April 2021
MA#	MA005402767		
Package	PG-TSDSO-14-22	**Weight***	65.47 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	2.192	3.35	3.35	33477	33477
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		144	
	non noble metal	zinc	7440-66-6	0.038	0.06		576	
	non noble metal	iron	7439-89-6	0.754	1.15		11518	
	non noble metal	copper	7440-50-8	30.617	46.77	47.99	467673	479911
wire	non noble metal	copper	7440-50-8	0.761	1.16	1.16	11622	11622
encapsulation	organic material	carbon black	1333-86-4	0.084	0.13		1282	
	plastics	epoxy resin	-	3.274	5.00		50015	
	inorganic material	silicondioxide	60676-86-0	24.627	37.62	42.75	376179	427476
leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25076	25076
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12465	12465
glue	plastics	epoxy resin	-	0.114	0.17		1745	
	noble metal	silver	7440-22-4	0.539	0.82	0.99	8228	9973
*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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