

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7002-1EPP	**Issued**	27. April 2022
MA#	MA005714803		
Package	PG-TSDSO-14-22	**Weight***	65.48 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	33473	33473
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		11516	
	non noble metal	copper	7440-50-8	30.617	46.76	47.98	467608	479844
wire	non noble metal	copper	7440-50-8	0.773	1.18	1.18	11799	11799
encapsulation	organic material	carbon black	1333-86-4	0.084	0.13		1282	
	plastics	epoxy resin	-	3.274	5.00		50003	
	inorganic material	silicondioxide	60676-86-0	24.625	37.61	42.74	376092	427377
leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25072	25072
plating	noble metal	silver	7440-22-4	0.816	1.25	1.25	12463	12463
glue	plastics	epoxy resin	-	0.114	0.17		1745	
	noble metal	silver	7440-22-4	0.539	0.82	0.99	8227	9972
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com