

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7120-2EPA	**Issued**	08. April 2022
MA#	MA005712021		
Package	PG-TSDSO-14-22	**Weight***	64.63 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	0.649	1.00	1.00	10048	10048
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		146	
	non noble metal	zinc	7440-66-6	0.038	0.06		583	
	non noble metal	iron	7439-89-6	0.754	1.17		11668	
	non noble metal	copper	7440-50-8	30.617	47.38	48.62	473753	486150
wire	non noble metal	copper	7440-50-8	0.182	0.28	0.28	2822	2822
encapsulation	organic material	carbon black	1333-86-4	0.089	0.14		1377	
	plastics	epoxy resin	-	3.470	5.37		53688	
	inorganic material	silicondioxide	60676-86-0	26.097	40.38	45.89	403806	458871
leadfinish	non noble metal	tin	7440-31-5	1.642	2.54	2.54	25402	25402
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12627	12627
glue	plastics	epoxy resin	-	0.046	0.07		714	
	noble metal	silver	7440-22-4	0.218	0.34	0.41	3366	4080
*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.

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