

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7012-1EPA	**Issued**	18. August 2021
MA#	MA005402635		
Package	PG-TSDSO-14-22	**Weight***	64.89 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	0.766	1.18	1.18	11808	11808
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.038	0.06		581	
	non noble metal	iron	7439-89-6	0.754	1.16		11620	
	non noble metal	copper	7440-50-8	30.617	47.18	48.41	471819	484165
wire	non noble metal	copper	7440-50-8	0.485	0.75	0.75	7479	7479
encapsulation	organic material	carbon black	1333-86-4	0.088	0.14		1362	
	plastics	epoxy resin	-	3.448	5.31		53135	
	inorganic material	silicondioxide	60676-86-0	25.934	39.97	45.42	399650	454147
leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25298	25298
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12576	12576
glue	plastics	epoxy resin	-	0.051	0.08		792	
	noble metal	silver	7440-22-4	0.242	0.37	0.45	3735	4527
*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