

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS7040-1EPA	**Issued**	12. April 2021
MA#	MA005402644		
Package	PG-TSDSO-14-22	**Weight***	64.69 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	0.609	0.94	0.94	9419	9419
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		11657	
	non noble metal	copper	7440-50-8	30.617	47.33	48.57	473310	485696
wire	non noble metal	copper	7440-50-8	0.273	0.42	0.42	4220	4220
encapsulation	organic material	carbon black	1333-86-4	0.089	0.14		1376	
	plastics	epoxy resin	-	3.472	5.37		53673	
	inorganic material	silicondioxide	60676-86-0	26.114	40.37	45.88	403692	458741
leadfinish	non noble metal	tin	7440-31-5	1.642	2.54	2.54	25378	25378
plating	noble metal	silver	7440-22-4	0.816	1.26	1.26	12615	12615
glue	plastics	epoxy resin	-	0.045	0.07		688	
	noble metal	silver	7440-22-4	0.210	0.32	0.39	3243	3931
*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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