

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSP135I	**Issued**	18. August 2021
MA#	MA005563492		
Package	PG-SOT223-4-21	**Weight***	113.52 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.009	0.01		83	
	noble metal	gold	7440-57-5	0.037	0.03		323	
	inorganic material	silicon	7440-21-3	0.416	0.37	0.41	3661	4067
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		447	
	non noble metal	chromium	7440-47-3	0.152	0.13		1340	
	non noble metal	copper	7440-50-8	50.489	44.48	44.66	444780	446656
wire	non noble metal	copper	7440-50-8	0.020	0.02	0.02	178	178
encapsulation	inorganic material	zincoxide	1314-13-2	0.302	0.27		2658	
	organic material	carbon black	1333-86-4	0.604	0.53		5317	
	miscellaneous	miscellaneous	-	1.207	1.06		10634	
	plastics	epoxy resin	-	8.148	7.18		71777	
	inorganic material	silicondioxide	60676-86-0	50.094	44.13	53.17	441297	531683
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12897	12897
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4519	4519
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.

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