

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSP149 H6327	**Issued**	13. March 2021
MA#	MA001073668		
Package	PG-SOT223-4-21	**Weight***	113.63 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	0.020	0.02		176	
	noble metal	gold	7440-57-5	0.078	0.07		684	
	inorganic material	silicon	7440-21-3	0.881	0.77	0.86	7749	8609
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		446	
	non noble metal	chromium	7440-47-3	0.152	0.13		1339	
	non noble metal	copper	7440-50-8	50.489	44.44	44.62	444318	446192
wire	non noble metal	copper	7440-50-8	0.015	0.01	0.01	135	135
encapsulation	organic material	carbon black	1333-86-4	0.600	0.53		5277	
	plastics	epoxy resin	-	8.994	7.92		79150	
	inorganic material	silicondioxide	60676-86-0	50.366	44.32	52.77	443238	527665
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12884	12884
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4515	4515
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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