



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSP299 H6327	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA001622966		
<b>Package</b>	PG-SOT223-4-21	<b>Weight*</b>	114.26 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	2.807	2.46	2.46	24564	24564
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		444	
	non noble metal	chromium	7440-47-3	0.152	0.13		1331	
	non noble metal	copper	7440-50-8	50.489	44.19	44.37	441886	443750
wire	non noble metal	copper	7440-50-8	0.015	0.01	0.01	127	127
encapsulation	organic material	carbon black	1333-86-4	0.579	0.51		5066	
	plastics	epoxy resin	-	8.683	7.60		75997	
	inorganic material	silicondioxide	60676-86-0	48.626	42.56	50.67	425583	506646
leadfinish	non noble metal	tin	7440-31-5	1.464	1.28	1.28	12813	12813
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4490	4490
glue	plastics	epoxy resin	-	0.152	0.13		1332	
	noble metal	silver	7440-22-4	0.717	0.63	0.76	6278	7610
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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