



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTM7752G	<b>Issued</b>	13. May 2021
<b>MA#</b>	MA002313920		
<b>Package</b>	PG-DSO-36-29	<b>Weight*</b>	616.59 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.527	0.09	0.09	854	854
chip_2	inorganic material	silicon	7440-21-3	0.527	0.09	0.09	854	854
chip_3	inorganic material	silicon	7440-21-3	1.049	0.17	0.17	1702	1702
chip_4	inorganic material	silicon	7440-21-3	0.527	0.09	0.09	854	854
chip_5	inorganic material	silicon	7440-21-3	0.527	0.09	0.09	854	854
leadframe	inorganic material	phosphorus	7723-14-0	0.055	0.01		89	
	non noble metal	zinc	7440-66-6	0.220	0.04		356	
	non noble metal	iron	7439-89-6	4.391	0.71		7122	
	non noble metal	copper	7440-50-8	178.313	28.92	29.68	289191	296758
wire	noble metal	gold	7440-57-5	0.468	0.08		760	
	non noble metal	aluminium	7429-90-5	1.589	0.26	0.34	2577	3337
encapsulation	organic material	carbon black	1333-86-4	0.838	0.14		1359	
	plastics	epoxy resin	-	59.912	9.72		97167	
	inorganic material	silicondioxide	60676-86-0	358.217	58.06	67.92	580961	679487
leadfinish	non noble metal	tin	7440-31-5	4.833	0.78	0.78	7839	7839
plating	noble metal	silver	7440-22-4	2.839	0.46	0.46	4605	4605
glue	plastics	epoxy resin	-	0.308	0.05		500	
	noble metal	silver	7440-22-4	1.452	0.24	0.29	2356	2856
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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