



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTM7750G	<b>Issued</b>	11. April 2021
<b>MA#</b>	MA005351569		
<b>Package</b>	PG-DSO-28-22	<b>Weight*</b>	810.92 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	3.370	0.42	0.42	4155	4155
chip_2	inorganic material	silicon	7440-21-3	3.370	0.42	0.42	4155	4155
chip_3	inorganic material	silicon	7440-21-3	4.294	0.53	0.53	5295	5295
leadframe	inorganic material	phosphorus	7723-14-0	0.072	0.01		89	
	non noble metal	zinc	7440-66-6	0.288	0.04		355	
	non noble metal	iron	7439-89-6	5.754	0.71		7096	
	non noble metal	copper	7440-50-8	233.637	28.81	29.57	288113	295653
wire	non noble metal	aluminium	7429-90-5	1.982	0.24	0.24	2445	2445
encapsulation	organic material	carbon black	1333-86-4	1.099	0.14		1355	
	plastics	epoxy resin	-	78.543	9.69		96856	
	inorganic material	silicondioxide	60676-86-0	469.609	57.89	67.72	579104	677315
leadfinish	non noble metal	tin	7440-31-5	4.913	0.61	0.61	6059	6059
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.196	0.02		242	
	noble metal	silver	7440-22-4	0.678	0.08	0.10	835	1078
glue	plastics	epoxy resin	-	0.546	0.07		673	
	noble metal	silver	7440-22-4	2.573	0.32	0.39	3172	3845
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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