



Material Content Data Sheet



Sales Product Name		BTM7752G		Issued		21. October 2018		
MA#		MA002313920						
Package		PG-DSO-36-29		Weight*		616.28 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	1703	1703
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		7126	
	non noble metal	copper	7440-50-8	178.313	28.93	29.69	289338	296909
wire	noble metal	gold	7440-57-5	0.468	0.08		760	
	non noble metal	aluminium	7429-90-5	1.277	0.21	0.29	2072	2832
encapsulation	organic material	carbon black	1333-86-4	0.838	0.14		1360	
	plastics	epoxy resin	-	59.912	9.72		97216	
	inorganic material	silicondioxide	60676-86-0	358.217	58.10	67.96	581257	679833
leadfinish	non noble metal	tin	7440-31-5	4.833	0.78	0.78	7843	7843
plating	noble metal	silver	7440-22-4	2.839	0.46	0.46	4607	4607
glue	plastics	epoxy resin	-	0.308	0.05		500	
	noble metal	silver	7440-22-4	1.452	0.24	0.29	2357	2857
*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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