

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTM7700G	**Issued**	11. April 2021
MA#	MA005351563		
Package	PG-DSO-28-22	**Weight***	809.68 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	1.345	0.17	0.17	1661	1661
chip_2	inorganic material	silicon	7440-21-3	1.345	0.17	0.17	1661	1661
chip_3	inorganic material	silicon	7440-21-3	3.261	0.40	0.40	4028	4028
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		7107	
	non noble metal	copper	7440-50-8	233.637	28.86	29.62	288554	296105
wire	non noble metal	aluminium	7429-90-5	2.079	0.26	0.26	2568	2568
encapsulation	organic material	carbon black	1333-86-4	1.108	0.14		1369	
	plastics	epoxy resin	-	79.230	9.79		97853	
	inorganic material	silicondioxide	60676-86-0	473.719	58.49	68.42	585067	684289
leadfinish	non noble metal	tin	7440-31-5	4.913	0.61	0.61	6068	6068
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.196	0.02		243	
	noble metal	silver	7440-22-4	0.678	0.08	0.10	837	1081
glue	plastics	epoxy resin	-	0.360	0.04		444	
	noble metal	silver	7440-22-4	1.696	0.21	0.25	2095	2539
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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