

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTM7750G	**Issued**	11. April 2021
MA#	MA005351569		
Package	PG-DSO-28-22	**Weight***	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:

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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