



## Material Content Data Sheet



<b>Sales Product Name</b>		BTM7700G		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001363370						
<b>Package</b>		PG-DSO-28-22		<b>Weight*</b>		808.71 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	4.035	0.50	0.50	4990	4990
leadframe	inorganic material	phosphorus	7723-14-0	0.072	0.01		89	
	non noble metal	zinc	7440-66-6	0.288	0.04		356	
	non noble metal	iron	7439-89-6	5.754	0.71		7115	
wire	non noble metal	copper	7440-50-8	233.637	28.89	29.65	288901	296461
	non noble metal	aluminium	7429-90-5	1.768	0.22	0.22	2186	2186
	encapsulation	organic material	carbon black	1333-86-4	1.112	0.14		1375
encapsulation	plastics	epoxy resin	-	79.488	9.83		98290	
	inorganic material	silicondioxide	60676-86-0	475.260	58.75	68.72	587678	687343
leadfinish	non noble metal	tin	7440-31-5	4.975	0.62	0.62	6151	6151
plating	noble metal	silver	7440-22-4	0.678	0.08	0.08	838	838
glue	plastics	epoxy resin	-	0.287	0.04		355	
	noble metal	silver	7440-22-4	1.355	0.17	0.21	1676	2031
*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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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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