



Material Content Data Sheet



Sales Product Name		BTM7700G		Issued		27. September 2017		
MA#		MA000372042						
Package		PG-DSO-28-22		Weight*		808.80 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	4989	4989
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		7114	
wire	non noble metal	copper	7440-50-8	233.637	28.89	29.65	288870	296429
	non noble metal	aluminium	7429-90-5	1.719	0.21	0.21	2125	2125
	encapsulation	organic material	carbon black	1333-86-4	1.112	0.14		1375
leadfinish	plastics	epoxy resin	-	79.488	9.83		98279	
	inorganic material	silicondioxide	60676-86-0	475.261	58.75	68.72	587615	687269
plating	non noble metal	tin	7440-31-5	4.913	0.61	0.61	6075	6075
	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.196	0.02		243	
glue	noble metal	silver	7440-22-4	0.678	0.08	0.10	838	1082
	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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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com