



## Material Content Data Sheet



<b>Sales Product Name</b>		BTM7740G		<b>Issued</b>		26. September 2017		
<b>MA#</b>		MA000913096						
<b>Package</b>		PG-DSO-28-22		<b>Weight*</b>		809.56 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	7.005	0.87	0.87	8653	8653
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		7108	
wire	non noble metal	copper	7440-50-8	233.637	28.86	29.62	288599	296151
	non noble metal	aluminium	7429-90-5	1.733	0.21	0.21	2140	2140
	encapsulation	organic material	carbon black	1333-86-4	1.106	0.14		1366
encapsulation	plastics	epoxy resin	-	79.075	9.77		97678	
	inorganic material	silicondioxide	60676-86-0	472.793	58.40	68.31	584016	683060
leadfinish	non noble metal	tin	7440-31-5	4.913	0.61	0.61	6069	6069
plating	noble metal	silver	7440-22-4	0.678	0.08		837	
	non noble metal	nickel	7440-02-0	0.196	0.02		243	
glue	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.10	1	1081
	plastics	epoxy resin	-	0.403	0.05		498	
*deviation	< 10%			1.901	0.23	0.28	2348	2846
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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