



## Material Content Data Sheet



<b>Sales Product Name</b>		BTM7740G		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001363416						
<b>Package</b>		PG-DSO-28-22		<b>Weight*</b>		809.11 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	5.615	0.69	0.69	6940	6940
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		7112	
wire	non noble metal	copper	7440-50-8	233.637	28.88	29.64	288759	296316
	non noble metal	aluminium	7429-90-5	1.602	0.20	0.20	1980	1980
	encapsulation	organic material	carbon black	1333-86-4	1.109	0.14		1371
encapsulation	plastics	epoxy resin	-	79.289	9.80		97996	
	inorganic material	silicondioxide	60676-86-0	474.072	58.59	68.53	585921	685288
leadfinish	non noble metal	tin	7440-31-5	4.975	0.61	0.61	6148	6148
plating	noble metal	silver	7440-22-4	0.678	0.08	0.08	837	837
glue	plastics	epoxy resin	-	0.353	0.04		436	
	noble metal	silver	7440-22-4	1.663	0.21	0.25	2055	2491
*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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