

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTM7740G	**Issued**	11. April 2021
MA#	MA005352981		
Package	PG-DSO-28-22	**Weight***	809.93 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	3.261	0.40	0.40	4027	4027
chip_2	inorganic material	silicon	7440-21-3	1.872	0.23	0.23	2311	2311
chip_3	inorganic material	silicon	7440-21-3	1.872	0.23	0.23	2311	2311
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		7104	
	non noble metal	copper	7440-50-8	233.637	28.85	29.61	288467	296015
wire	non noble metal	aluminium	7429-90-5	1.966	0.24	0.24	2428	2428
encapsulation	organic material	carbon black	1333-86-4	1.106	0.14		1366	
	plastics	epoxy resin	-	79.095	9.77		97657	
	inorganic material	silicondioxide	60676-86-0	472.912	58.39	68.30	583894	682917
leadfinish	non noble metal	tin	7440-31-5	4.913	0.61	0.61	6066	6066
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.196	0.02		243	
	noble metal	silver	7440-22-4	0.678	0.08	0.10	836	1080
glue	plastics	epoxy resin	-	0.403	0.05		498	
	noble metal	silver	7440-22-4	1.901	0.23	0.28	2347	2845
*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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