

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG65R039M1H	**Issued**	08. April 2022
MA#	MA005710706		
Package	PG-TO263-7-12	**Weight***	1437.20 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.053			37	
	noble metal	gold	7440-57-5	0.207	0.01		144	
	inorganic material	siliconcarbide	409-21-2	3.180	0.22	0.23	2212	2393
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		563	
	non noble metal	copper	7440-50-8	808.567	56.25	56.33	562602	563334
wire	non noble metal	aluminium	7429-90-5	7.282	0.51	0.51	5067	5067
encapsulation	inorganic material	zincoxide	1314-13-2	6.033	0.42		4198	
	miscellaneous	miscellaneous	-	24.131	1.68		16790	
	plastics	epoxy resin	-	90.490	6.30		62963	
	inorganic material	silicondioxide	60676-86-0	482.615	33.58	41.98	335804	419755
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6881	6881
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2564	2570
*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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