

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG65R163M1H	**Issued**	08. April 2022
MA#	MA005711622		
Package	PG-TO263-7-12	**Weight***	1434.47 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	0.018			13	
	noble metal	gold	7440-57-5	0.070			49	
	inorganic material	siliconcarbide	409-21-2	1.072	0.07	0.07	747	809
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		564	
	non noble metal	copper	7440-50-8	808.567	56.37	56.45	563671	564404
wire	non noble metal	aluminium	7429-90-5	1.194	0.08	0.08	833	833
encapsulation	inorganic material	zincoxide	1314-13-2	6.089	0.42		4245	
	miscellaneous	miscellaneous	-	24.356	1.70		16979	
	plastics	epoxy resin	-	91.336	6.37		63673	
	inorganic material	silicondioxide	60676-86-0	487.127	33.96	42.45	339587	424484
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6895	6895
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2569	2575
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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