

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG65R083M1H	**Issued**	08. April 2022
MA#	MA005711409		
Package	PG-TO263-7-12	**Weight***	1435.61 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	0.028			20	
	noble metal	gold	7440-57-5	0.110	0.01		77	
	inorganic material	siliconcarbide	409-21-2	1.693	0.12	0.13	1179	1276
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	56.31	56.39	563222	563955
wire	non noble metal	aluminium	7429-90-5	4.179	0.29	0.29	2911	2911
encapsulation	inorganic material	zincoxide	1314-13-2	6.064	0.42		4224	
	miscellaneous	miscellaneous	-	24.256	1.69		16896	
	plastics	epoxy resin	-	90.959	6.34		63359	
	inorganic material	silicondioxide	60676-86-0	485.116	33.79	42.24	337917	422396
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6889	6889
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2567	2573
*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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