



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IMBG65R048M1H	<b>Issued</b>	09. February 2022
<b>MA#</b>	MA005542476		
<b>Package</b>	PG-TO263-7-12	<b>Weight*</b>	1436.11 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	0.044			31	
	noble metal	gold	7440-57-5	0.172	0.01		120	
	inorganic material	siliconcarbide	409-21-2	2.646	0.18	0.19	1843	1994
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	56.30	56.38	563026	563759
wire	non noble metal	aluminium	7429-90-5	4.352	0.30	0.30	3030	3030
encapsulation	inorganic material	zincoxide	1314-13-2	6.057	0.42		4218	
	miscellaneous	miscellaneous	-	24.228	1.69		16870	
	plastics	epoxy resin	-	90.853	6.33		63264	
	inorganic material	silicondioxide	60676-86-0	484.552	33.74	42.18	337406	421758
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6887	6887
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2566	2572
*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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