

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG120R060M1H	**Issued**	15. May 2021
MA#	MA004508902		
Package	PG-TO263-7-12	**Weight***	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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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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