

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG120R030M1H	**Issued**	15. May 2021
MA#	MA004531384		
Package	PG-TO263-7-12	**Weight***	1437.13 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	0.083	0.01		58	
	noble metal	gold	7440-57-5	0.321	0.02		223	
	inorganic material	siliconcarbide	409-21-2	4.936	0.34	0.37	3435	3716
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	562626	563358
wire	non noble metal	aluminium	7429-90-5	4.155	0.29	0.29	2891	2891
encapsulation	inorganic material	zincoxide	1314-13-2	6.044	0.42		4206	
	miscellaneous	miscellaneous	-	24.177	1.68		16823	
	plastics	epoxy resin	-	90.665	6.31		63087	
	inorganic material	silicondioxide	60676-86-0	483.546	33.65	42.06	336466	420582
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6882	6882
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2565	2571
*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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