

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG120R090M1H	**Issued**	15. May 2021
MA#	MA004531386		
Package	PG-TO263-7-12	**Weight***	1435.72 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	0.032			22	
	noble metal	gold	7440-57-5	0.125	0.01		87	
	inorganic material	siliconcarbide	409-21-2	1.924	0.13	0.14	1340	1449
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	56.32	56.40	563179	563912
wire	non noble metal	aluminium	7429-90-5	4.188	0.29	0.29	2917	2917
encapsulation	inorganic material	zincoxide	1314-13-2	6.062	0.42		4223	
	miscellaneous	miscellaneous	-	24.250	1.69		16890	
	plastics	epoxy resin	-	90.937	6.33		63339	
	inorganic material	silicondioxide	60676-86-0	484.998	33.78	42.22	337808	422260
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.
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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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