



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IMBG120R090M1H	<b>Issued</b>	15. May 2021
<b>MA#</b>	MA004531386		
<b>Package</b>	PG-TO263-7-12	<b>Weight*</b>	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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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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