

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG120R350M1H	**Issued**	15. May 2021
MA#	MA004531392		
Package	PG-TO263-7-12	**Weight***	1434.13 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	0.014			9	
	noble metal	gold	7440-57-5	0.053			37	
	inorganic material	siliconcarbide	409-21-2	0.811	0.06	0.06	565	611
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		565	
	non noble metal	copper	7440-50-8	808.567	56.36	56.44	563804	564538
wire	non noble metal	aluminium	7429-90-5	0.437	0.03	0.03	305	305
encapsulation	inorganic material	zincoxide	1314-13-2	6.096	0.43		4251	
	miscellaneous	miscellaneous	-	24.384	1.70		17003	
	plastics	epoxy resin	-	91.441	6.38		63761	
	inorganic material	silicondioxide	60676-86-0	487.687	34.01	42.52	340059	425074
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6896	6896
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2570	2576
*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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