



Material Content Data Sheet



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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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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