

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG120R034M2H	**Issued**	06. September 2024
MA#	MA006016455		
Package	PG-TO263-7-12	**Weight***	1437.42 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	0.053	0.004	0.237	37	2370
	noble metal	gold	7440-57-5	0.205	0.014		143	
	inorganic material	siliconcarbide	409-21-2	3.149	0.219		2191	
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.017	56.325	169	563246
	non noble metal	iron	7439-89-6	0.810	0.056		563	
	non noble metal	copper	7440-50-8	808.567	56.251		562514	
wire	non noble metal	aluminium	7429-90-5	8.112	0.564	0.564	5643	5643
encapsulation	inorganic material	zincoxide	1314-13-2	6.027	0.419	41.929	4193	419290
	miscellaneous	miscellaneous	-	24.108	1.677		16772	
	plastics	epoxy resin	-	90.404	6.289		62894	
	inorganic material	silicondioxide	60676-86-0	482.156	33.543		335432	
leadfinish	non noble metal	tin	7440-31-5	9.890	0.688	0.688	6880	6880
plating	inorganic material	phosphorus	7723-14-0	0.009	0.001	0.257	6	2570
	non noble metal	nickel	7440-02-0	3.686	0.256		2564	
*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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