



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPA032N06N3 G	Issued	14. February 2022
MA#	MA005619401		
Package	PG-TO220-3-313	Weight*	2171.61 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	6.442	0.30	0.30	2967	2967
leadframe	inorganic material	phosphorus	7723-14-0	0.315	0.01		145	
	non noble metal	iron	7439-89-6	1.048	0.05		483	
	non noble metal	copper	7440-50-8	1,047.023	48.21	48.27	482142	482770
wire	non noble metal	aluminium	7429-90-5	13.921	0.64	0.64	6411	6411
encapsulation	organic material	carbon black	1333-86-4	2.216	0.10		1021	
	plastics	epoxy resin	-	205.315	9.45		94545	
	inorganic material	silicondioxide	60676-86-0	882.521	40.64	50.19	406390	501956
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3627	3627
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	762	762
solder	non noble metal	antimony	7440-36-0	0.327	0.02		151	
	noble metal	silver	7440-22-4	0.818	0.04		377	
	non noble metal	tin	7440-31-5	2.126	0.10	0.16	979	1507
*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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