



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPA029N06N	<b>Issued</b>	17. February 2022
<b>MA#</b>	MA005619628		
<b>Package</b>	PG-TO220-3-313	<b>Weight*</b>	2209.01 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	2.055	0.09	0.09	930	930
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.84	40.89	408395	408927
wire	non noble metal	aluminium	7429-90-5	11.880	0.54	0.54	5378	5378
encapsulation	organic material	carbon black	1333-86-4	2.292	0.10		1038	
	plastics	epoxy resin	-	213.737	9.68		96757	
	inorganic material	silicondioxide	60676-86-0	919.688	41.62	51.40	416334	514129
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3566	3566
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	750	750
solder	non noble metal	antimony	7440-36-0	0.144	0.01		65	
	noble metal	silver	7440-22-4	0.359	0.02		163	
	non noble metal	tin	7440-31-5	0.934	0.04	0.07	423	651
heatspreader	inorganic material	phosphorus	7723-14-0	0.044			20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.56	6.57	65583	65669
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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