



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP200N15N3 G	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA005569453		
<b>Package</b>	PG-TO220-3-324	<b>Weight*</b>	1927.18 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	6.312	0.33	0.33	3275	3275
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		755	
	non noble metal	copper	7440-50-8	1,452.764	75.38	75.48	753832	754813
wire	non noble metal	aluminium	7429-90-5	6.914	0.36	0.36	3588	3588
encapsulation	organic material	carbon black	1333-86-4	2.236	0.12		1160	
	inorganic material	zinc borate	-	42.486	2.20		22046	
	plastics	epoxy resin	-	89.444	4.64		46412	
	inorganic material	silicondioxide	60676-86-0	313.055	16.24	23.20	162443	232061
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3913	3913
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	541	541
solder	non noble metal	antimony	7440-36-0	0.349	0.02		181	
	noble metal	silver	7440-22-4	0.872	0.05		452	
	non noble metal	tin	7440-31-5	2.267	0.12	0.19	1176	1809
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com