



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP030N10N3 G	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA005552213		
<b>Package</b>	PG-TO220-3-324	<b>Weight*</b>	1932.34 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	15.455	0.80	0.80	7998	7998
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		753	
	non noble metal	copper	7440-50-8	1,452.764	75.19	75.29	751815	752794
wire	non noble metal	aluminium	7429-90-5	11.184	0.58	0.58	5788	5788
encapsulation	organic material	carbon black	1333-86-4	2.180	0.11		1128	
	inorganic material	zinc borate	-	41.424	2.14		21437	
	plastics	epoxy resin	-	87.209	4.51		45131	
	inorganic material	silicondioxide	60676-86-0	305.233	15.80	22.56	157960	225656
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3903	3903
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	540	540
solder	non noble metal	antimony	7440-36-0	0.642	0.03		332	
	noble metal	silver	7440-22-4	1.604	0.08		830	
	non noble metal	tin	7440-31-5	4.171	0.22	0.33	2159	3321
*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.

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