



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP126N10N3 G	<b>Issued</b>	26. June 2021
<b>MA#</b>	MA005573856		
<b>Package</b>	PG-TO220-3-324	<b>Weight*</b>	1925.43 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	3.094	0.16	0.16	1607	1607
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		755	
	non noble metal	copper	7440-50-8	1,452.764	75.45	75.55	754513	755495
wire	non noble metal	aluminium	7429-90-5	6.688	0.35	0.35	3474	3474
encapsulation	organic material	carbon black	1333-86-4	2.252	0.12		1169	
	inorganic material	zinc borate	-	42.783	2.22		22220	
	plastics	epoxy resin	-	90.070	4.68		46779	
	inorganic material	silicondioxide	60676-86-0	315.247	16.37	23.39	163728	233896
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3917	3917
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	542	542
solder	non noble metal	antimony	7440-36-0	0.206	0.01		107	
	noble metal	silver	7440-22-4	0.515	0.03		267	
	non noble metal	tin	7440-31-5	1.338	0.07	0.11	695	1069
*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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