



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP076N12N3 G	<b>Issued</b>	26. June 2021
<b>MA#</b>	MA005575165		
<b>Package</b>	PG-TO220-3-324	<b>Weight*</b>	1928.99 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	8.706	0.45	0.45	4513	4513
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		754	
	non noble metal	copper	7440-50-8	1,452.764	75.33	75.43	753123	754103
wire	non noble metal	aluminium	7429-90-5	9.142	0.47	0.47	4739	4739
encapsulation	organic material	carbon black	1333-86-4	2.217	0.11		1149	
	inorganic material	zinc borate	-	42.130	2.18		21840	
	plastics	epoxy resin	-	88.694	4.60		45980	
	inorganic material	silicondioxide	60676-86-0	310.430	16.09	22.98	160929	229898
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3910	3910
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	541	541
solder	non noble metal	antimony	7440-36-0	0.443	0.02		230	
	noble metal	silver	7440-22-4	1.107	0.06		574	
	non noble metal	tin	7440-31-5	2.878	0.15	0.23	1492	2296
*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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