



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP037N08N3 G	<b>Issued</b>	03. May 2021
<b>MA#</b>	MA000933774		
<b>Package</b>	PG-TO220-3-123	<b>Weight*</b>	2030.42 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	7.048	0.35	0.35	3471	3471
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.16	40.21	401560	402083
wire	non noble metal	aluminium	7429-90-5	10.404	0.51	0.51	5124	5124
encapsulation	organic material	carbon black	1333-86-4	2.318	0.11		1142	
	plastics	epoxy resin	-	67.232	3.31		33113	
	inorganic material	silicondioxide	60676-86-0	510.040	25.12	28.54	251199	285454
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10570	10570
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869
solder	non noble metal	antimony	7440-36-0	0.352	0.02		173	
	noble metal	silver	7440-22-4	0.880	0.04		433	
	non noble metal	tin	7440-31-5	2.288	0.11	0.17	1127	1733
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.03	29.07	290318	290696
*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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