



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP055N03L G	<b>Issued</b>	26. June 2021
<b>MA#</b>	MA005569502		
<b>Package</b>	PG-TO220-3-324	<b>Weight*</b>	1923.41 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	1.415	0.07	0.07	736	736
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		756	
	non noble metal	copper	7440-50-8	1,452.764	75.54	75.64	755307	756290
wire	non noble metal	aluminium	7429-90-5	3.367	0.18	0.18	1750	1750
encapsulation	organic material	carbon black	1333-86-4	2.271	0.12		1181	
	inorganic material	zinc borate	-	43.158	2.24		22438	
	plastics	epoxy resin	-	90.859	4.72		47239	
	inorganic material	silicondioxide	60676-86-0	318.006	16.53	23.61	165335	236193
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3921	3921
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	542	542
solder	non noble metal	antimony	7440-36-0	0.109	0.01		57	
	noble metal	silver	7440-22-4	0.273	0.01		142	
	non noble metal	tin	7440-31-5	0.710	0.04	0.06	369	568
*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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