



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP055N03L G	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA000853494		
<b>Package</b>	PG-TO220-3-123	<b>Weight*</b>	2025.67 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	699	699
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		403	
	non noble metal	copper	7440-50-8	815.335	40.24	40.29	402500	403024
wire	non noble metal	aluminium	7429-90-5	4.098	0.20	0.20	2023	2023
encapsulation	organic material	carbon black	1333-86-4	2.357	0.12		1163	
	plastics	epoxy resin	-	68.349	3.37		33741	
	inorganic material	silicondioxide	60676-86-0	518.506	25.60	29.09	255968	290872
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10595	10595
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	871	871
solder	non noble metal	antimony	7440-36-0	0.109	0.01		54	
	noble metal	silver	7440-22-4	0.274	0.01		135	
	non noble metal	tin	7440-31-5	0.711	0.04	0.06	351	540
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	29.10	29.14	290998	291376
*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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