



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP530N15N3 G	Issued	26. June 2021
MA#	MA005573614		
Package	PG-TO220-3-324	Weight*	1924.38 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	2.621	0.14	0.14	1362	1362
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	75.48	75.58	754924	755907
wire	non noble metal	aluminium	7429-90-5	3.624	0.19	0.19	1883	1883
encapsulation	organic material	carbon black	1333-86-4	2.265	0.12		1177	
	inorganic material	zinc borate	-	43.027	2.24		22359	
	plastics	epoxy resin	-	90.582	4.71		47071	
	inorganic material	silicondioxide	60676-86-0	317.038	16.47	23.54	164748	235355
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3919	3919
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	542	542
solder	non noble metal	antimony	7440-36-0	0.199	0.01		103	
	noble metal	silver	7440-22-4	0.497	0.03		258	
	non noble metal	tin	7440-31-5	1.292	0.07	0.11	671	1032
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com