

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP052NE7N3 G	**Issued**	18. August 2021
MA#	MA005569529		
Package	PG-TO220-3-324	**Weight***	1926.02 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	4.423	0.23	0.23	2296	2296
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		755	
	non noble metal	copper	7440-50-8	1,452.764	75.44	75.54	754285	755267
wire	non noble metal	aluminium	7429-90-5	6.914	0.36	0.36	3590	3590
encapsulation	organic material	carbon black	1333-86-4	2.245	0.12		1166	
	inorganic material	zinc borate	-	42.657	2.21		22148	
	plastics	epoxy resin	-	89.804	4.66		46627	
	inorganic material	silicondioxide	60676-86-0	314.316	16.32	23.31	163195	233136
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3916	3916
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	541	541
solder	non noble metal	antimony	7440-36-0	0.242	0.01		125	
	noble metal	silver	7440-22-4	0.604	0.03		314	
	non noble metal	tin	7440-31-5	1.570	0.08	0.12	815	1254
*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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