

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP600N25N3 G	**Issued**	26. June 2021
MA#	MA005573842		
Package	PG-TO220-3-324	**Weight***	1927.18 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	6.322	0.33	0.33	3280	3280
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		755	
	non noble metal	copper	7440-50-8	1,452.764	75.38	75.48	753830	754811
wire	non noble metal	aluminium	7429-90-5	6.914	0.36	0.36	3588	3588
encapsulation	organic material	carbon black	1333-86-4	2.236	0.12		1160	
	inorganic material	zinc borate	-	42.485	2.20		22045	
	plastics	epoxy resin	-	89.442	4.64		46411	
	inorganic material	silicondioxide	60676-86-0	313.048	16.24	23.20	162439	232055
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3913	3913
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	541	541
solder	non noble metal	antimony	7440-36-0	0.349	0.02		181	
	noble metal	silver	7440-22-4	0.873	0.05		453	
	non noble metal	tin	7440-31-5	2.270	0.12	0.19	1178	1812
*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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