

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP600N25N3 G	**Issued**	17. February 2022
MA#	MA005698393		
Package	PG-TO220-3-1	**Weight***	2034.49 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	0.31	0.31	3107	3107
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	iron	7439-89-6	0.816	0.04		401	
	non noble metal	copper	7440-50-8	815.335	40.10	40.15	400755	401276
wire	non noble metal	aluminium	7429-90-5	8.028	0.39	0.39	3946	3946
encapsulation	organic material	carbon black	1333-86-4	5.883	0.29		2892	
	plastics	epoxy resin	-	111.780	5.49		54942	
	inorganic material	silicondioxide	60676-86-0	470.653	23.13	28.91	231337	289171
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10549	10549
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121
solder	non noble metal	antimony	7440-36-0	0.349	0.02		172	
	noble metal	silver	7440-22-4	0.873	0.04		429	
	non noble metal	tin	7440-31-5	2.270	0.11	0.17	1116	1717
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	28.97	29.01	289736	290113
*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.
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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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