



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP024N06N3 G	Issued	26. June 2021
MA#	MA005573431		
Package	PG-TO220-3-324	Weight*	1930.26 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	10.427	0.54	0.54	5402	5402
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		754	
	non noble metal	copper	7440-50-8	1,452.764	75.27	75.37	752626	753606
wire	non noble metal	aluminium	7429-90-5	11.590	0.60	0.60	6004	6004
encapsulation	organic material	carbon black	1333-86-4	2.201	0.11		1140	
	inorganic material	zinc borate	-	41.826	2.17		21668	
	plastics	epoxy resin	-	88.054	4.56		45618	
	inorganic material	silicondioxide	60676-86-0	308.190	15.97	22.81	159662	228088
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3907	3907
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	540	540
solder	non noble metal	antimony	7440-36-0	0.474	0.02		245	
	noble metal	silver	7440-22-4	1.184	0.06		613	
	non noble metal	tin	7440-31-5	3.078	0.16	0.24	1595	2453
*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.

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