



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP072N10N3 G	Issued	26. June 2021
MA#	MA005573383		
Package	PG-TO220-3-324	Weight*	1926.68 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	5.560	0.29	0.29	2886	2886
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	75.40	75.50	754024	755006
wire	non noble metal	aluminium	7429-90-5	6.914	0.36	0.36	3589	3589
encapsulation	organic material	carbon black	1333-86-4	2.240	0.12		1162	
	inorganic material	zinc borate	-	42.555	2.21		22087	
	plastics	epoxy resin	-	89.590	4.65		46500	
	inorganic material	silicondioxide	60676-86-0	313.564	16.27	23.25	162749	232498
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3914	3914
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	541	541
solder	non noble metal	antimony	7440-36-0	0.302	0.02		157	
	noble metal	silver	7440-22-4	0.754	0.04		391	
	non noble metal	tin	7440-31-5	1.961	0.10	0.16	1018	1566
*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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