



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP084N06L3 G	Issued	17. February 2022
MA#	MA005679889		
Package	PG-TO220-3-324	Weight*	1923.87 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	2.120	0.11	0.11	1102	1102
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		756	
	non noble metal	copper	7440-50-8	1,452.764	75.52	75.62	755126	756109
wire	non noble metal	aluminium	7429-90-5	3.365	0.17	0.17	1749	1749
encapsulation	organic material	carbon black	1333-86-4	2.268	0.12		1179	
	inorganic material	zinc borate	-	43.093	2.24		22399	
	plastics	epoxy resin	-	90.723	4.72		47156	
	inorganic material	silicondioxide	60676-86-0	317.529	16.50	23.58	165047	235781
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3920	3920
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	542	542
solder	non noble metal	antimony	7440-36-0	0.153	0.01		80	
	noble metal	silver	7440-22-4	0.383	0.02		199	
	non noble metal	tin	7440-31-5	0.996	0.05	0.08	518	797
*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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