

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP034NE7N3 G	**Issued**	24. June 2021
MA#	MA005552316		
Package	PG-TO220-3-324	**Weight***	1927.98 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	7.048	0.37	0.37	3656	3656
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	75.34	75.44	753516	754497
wire	non noble metal	aluminium	7429-90-5	9.093	0.47	0.47	4717	4717
encapsulation	organic material	carbon black	1333-86-4	2.225	0.12		1154	
	inorganic material	zinc borate	-	42.283	2.19		21931	
	plastics	epoxy resin	-	89.016	4.62		46171	
	inorganic material	silicondioxide	60676-86-0	311.556	16.16	23.09	161598	230854
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3912	3912
plating	non noble metal	nickel	7440-02-0	1.043	0.05	0.05	541	541
solder	non noble metal	antimony	7440-36-0	0.352	0.02		182	
	noble metal	silver	7440-22-4	0.879	0.05		456	
	non noble metal	tin	7440-31-5	2.285	0.12	0.19	1185	1823
*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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