



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA032N06N3 G		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000975318						
<b>Package</b>		PG-TO220-3-111		<b>Weight*</b>		2240.55 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	6.442	0.29	0.29	2875	2875
leadframe	non noble metal	iron	7439-89-6	1.120	0.05		500	
	inorganic material	phosphorus	7723-14-0	0.336	0.02		150	
	non noble metal	copper	7440-50-8	1118.332	49.93	50.00	499133	499783
wire	non noble metal	aluminium	7429-90-5	9.511	0.42	0.42	4245	4245
encapsulation	organic material	carbon black	1333-86-4	2.187	0.10		976	
	plastics	epoxy resin	-	205.539	9.17		91736	
	inorganic material	silicondioxide	60676-86-0	885.565	39.52	48.79	395244	487956
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3545	3545
plating	non noble metal	nickel	7440-02-0	0.305	0.01		136	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	136
solder	non noble metal	antimony	7440-36-0	0.327	0.01		146	
	noble metal	silver	7440-22-4	0.818	0.04		365	
	non noble metal	tin	7440-31-5	2.126	0.09	0.14	949	1460
*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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