



## Material Content Data Sheet



<b>Sales Product Name</b>				IPP032N06N3 G		<b>Issued</b>		27. September 2017	
<b>MA#</b>				MA000973208					
<b>Package</b>				PG-TO220-3-123		<b>Weight*</b>		2038.58 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	0.32	0.32	3160	3160	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		400		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	copper	7440-50-8	815.335	39.98	40.03	399953	400473	
wire	non noble metal	aluminium	7429-90-5	90.412	4.44	4.44	44351	44351	
encapsulation	organic material	carbon black	1333-86-4	2.033	0.10		997		
	plastics	epoxy resin	-	58.963	2.89		28924		
	inorganic material	silicondioxide	60676-86-0	447.306	21.94	24.93	219420	249341	
leadfinish	non noble metal	tin	7440-31-5	21.731	1.07	1.07	10660	10660	
plating	non noble metal	nickel	7440-02-0	1.786	0.09	0.09	876	876	
solder	non noble metal	antimony	7440-36-0	0.328	0.02		161		
	noble metal	silver	7440-22-4	0.819	0.04		402		
	non noble metal	tin	7440-31-5	2.129	0.10	0.16	1044	1607	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	28.92	28.96	289155	289532	
*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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