



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA060N06N		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001333874						
<b>Package</b>		PG-TO220-3-313		<b>Weight*</b>		2211.91 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	1.049	0.05	0.05	474	474
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		408	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	copper	7440-50-8	902.149	40.79	40.84	407860	408391
wire	non noble metal	aluminium	7429-90-5	3.379	0.15	0.15	1528	1528
encapsulation	organic material	carbon black	1333-86-4	2.304	0.10		1042	
	plastics	epoxy resin	-	216.018	9.77		97661	
	inorganic material	silicondioxide	60676-86-0	930.312	42.06	51.93	420593	519296
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3606	3606
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	758	758
solder	non noble metal	antimony	7440-36-0	0.081	0.00		36	
	noble metal	silver	7440-22-4	0.201	0.01		91	
	non noble metal	tin	7440-31-5	0.524	0.02	0.03	237	364
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		66	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	copper	7440-50-8	144.874	6.55	6.56	65497	65583
*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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