



## Material Content Data Sheet



<b>Sales Product Name</b>				IKP08N65F5		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA000974002					
<b>Package</b>				PG-TO220-3-1		<b>Weight*</b>		2029.43 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	0.754	0.04	0.04	371	371	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.18	40.23	401756	402279	
wire	non noble metal	aluminium	7429-90-5	2.524	0.12	0.12	1244	1244	
encapsulation	organic material	carbon black	1333-86-4	5.971	0.29		2942		
	plastics	epoxy resin	-	113.440	5.59		55897		
	inorganic material	silicondioxide	60676-86-0	477.642	23.54	29.42	235357	294196	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10576	10576	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	401755	120	
solder	non noble metal	antimony	7440-36-0	0.076	0.00		38		
	noble metal	silver	7440-22-4	0.191	0.01		94		
	non noble metal	tin	7440-31-5	0.496	0.02	0.03	245	377	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.05	29.09	290459	290837	
*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.
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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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