



Material Content Data Sheet



Sales Product Name		IKP08N65H5		Issued		19. July 2018		
MA#		MA001212300						
Package		PG-TO220-3-1		Weight*		2029.64 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	1.008	0.05	0.05	497	497
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	401713	402237
wire	non noble metal	aluminium	7429-90-5	2.546	0.13	0.13	1254	1254
encapsulation	organic material	carbon black	1333-86-4	5.968	0.29		2940	
	plastics	epoxy resin	-	113.386	5.59		55865	
	inorganic material	silicondioxide	60676-86-0	477.416	23.52	29.40	235223	294028
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10575	10575
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	1	120
solder	non noble metal	antimony	7440-36-0	0.098	0.00		48	
	noble metal	silver	7440-22-4	0.244	0.01		120	
	non noble metal	tin	7440-31-5	0.635	0.03	0.04	313	481
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	29.04	29.08	290430	290808
*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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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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