



Material Content Data Sheet



Sales Product Name		IKP15N65F5		Issued		26. September 2017		
MA#		MA000973810						
Package		PG-TO220-3-1		Weight*		2029.63 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	401718	402241
wire	non noble metal	aluminium	7429-90-5	4.231	0.21	0.21	2084	2084
encapsulation	organic material	carbon black	1333-86-4	5.955	0.29		2934	
	plastics	epoxy resin	-	113.153	5.58		55751	
	inorganic material	silicondioxide	60676-86-0	476.434	23.47	29.34	234739	293424
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	401717	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	29.04	29.08	290430	290808
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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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