



Material Content Data Sheet



Sales Product Name		IKA15N65F5		Issued		24. January 2018		
MA#		MA001403616						
Package		PG-TO220-3-313		Weight*		2215.82 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	1.318	0.06	0.06	595	595
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		122	
	non noble metal	iron	7439-89-6	0.903	0.04		408	
	non noble metal	copper	7440-50-8	902.149	40.71	40.76	407139	407669
	non noble metal	aluminium	7429-90-5	4.914	0.22	0.22	2218	2218
wire	organic material	carbon black	1333-86-4	2.301	0.10		1038	
encapsulation	plastics	epoxy resin	-	216.280	9.76		97607	
	inorganic material	silicondioxide	60676-86-0	931.834	42.06	51.92	420536	519181
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3555	3555
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	747	747
solder	non noble metal	antimony	7440-36-0	0.126	0.01		57	
	noble metal	silver	7440-22-4	0.314	0.01		142	
heatspreader	non noble metal	tin	7440-31-5	0.817	0.04	0.06	369	568
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	iron	7439-89-6	0.145	0.01		65	
	non noble metal	copper	7440-50-8	144.874	6.54	6.55	65382	65467
*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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