



Material Content Data Sheet



Sales Product Name		IKA15N65F5		Issued		1. April 2015		
MA#		MA001216638						
Package		PG-TO220-3-111		Weight*		2244.04 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	587	587
leadframe	non noble metal	iron	7439-89-6	0.687	0.03		306	
	inorganic material	phosphorus	7723-14-0	0.206	0.01		92	
	non noble metal	copper	7440-50-8	686.221	30.58	30.62	305797	306195
wire	non noble metal	aluminium	7429-90-5	3.637	0.16	0.16	1621	1621
encapsulation	organic material	carbon black	1333-86-4	2.225	0.10		992	
	plastics	epoxy resin	-	208.699	9.30		93001	
	inorganic material	silicondioxide	60676-86-0	898.870	40.05	49.45	400558	494552
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3539	3539
plating	non noble metal	nickel	7440-02-0	0.305	0.01		136	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	136
solder	non noble metal	antimony	7440-36-0	0.126	0.01		56	
	noble metal	silver	7440-22-4	0.314	0.01		140	
	non noble metal	tin	7440-31-5	0.817	0.04	0.06	364	560
heatspreader	non noble metal	iron	7439-89-6	0.433	0.02		193	
	inorganic material	phosphorus	7723-14-0	0.130	0.01		58	
	non noble metal	copper	7440-50-8	432.110	19.26	19.29	192559	192810
*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 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com