



Material Content Data Sheet



Sales Product Name		IKA08N65F5		Issued		27. March 2015		
MA#		MA000974062						
Package		PG-TO220-3-111		Weight*		2242.09 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	0.03	0.03	336	336
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	30.61	30.65	306063	306461
wire	non noble metal	aluminium	7429-90-5	2.336	0.10	0.10	1042	1042
encapsulation	organic material	carbon black	1333-86-4	2.222	0.10		991	
	plastics	epoxy resin	-	208.731	9.31		93097	
	inorganic material	silicondioxide	60676-86-0	899.250	40.12	49.53	401077	495165
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3542	3542
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	401076	136
solder	non noble metal	antimony	7440-36-0	0.076	0.00		34	
	noble metal	silver	7440-22-4	0.191	0.01		85	
	non noble metal	tin	7440-31-5	0.496	0.02	0.03	221	340
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	19.27	19.30	192727	192978
*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 2011/65/EU (RoHS) and does not use any exemption.

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