



Material Content Data Sheet



Sales Product Name		IKA08N65ET6		Issued		19. January 2018		
MA#		MA001647066						
Package		PG-TO220-3-313		Weight*		2210.55 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	0.366	0.02	0.02	166	166
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.81	40.86	408111	408643
	non noble metal	aluminium	7429-90-5	1.214	0.05	0.05	549	549
wire	non noble metal	aluminium	7429-90-5	1.214	0.05	0.05	549	549
encapsulation	organic material	carbon black	1333-86-4	2.302	0.10		1041	
	plastics	epoxy resin	-	216.336	9.79		97865	
	inorganic material	silicondioxide	60676-86-0	932.033	42.18	52.07	421629	520535
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3563	3563
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	749	749
solder	non noble metal	antimony	7440-36-0	0.038	0.00		17	
	noble metal	silver	7440-22-4	0.094	0.00		43	
	non noble metal	tin	7440-31-5	0.245	0.01	0.01	111	171
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.55	6.56	65538	65624
*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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