



Material Content Data Sheet



Sales Product Name		IKA10N65ET6		Issued		19. January 2018		
MA#		MA001646868						
Package		PG-TO220-3-313		Weight*		2210.80 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	
wire	non noble metal	copper	7440-50-8	902.149	40.81	40.86	408063	408595
	non noble metal	aluminium	7429-90-5	1.470	0.07	0.07	665	665
encapsulation	organic material	carbon black	1333-86-4	2.302	0.10		1041	
	plastics	epoxy resin	-	216.336	9.79		97854	
leadfinish	inorganic material	silicondioxide	60676-86-0	932.033	42.16	52.05	421580	520475
	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	
heatspreader	non noble metal	tin	7440-31-5	0.245	0.01	0.01	111	171
	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	65530	65616
*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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