



Material Content Data Sheet



Sales Product Name		IKA10N60T		Issued		19. January 2018		
MA#		MA001661114						
Package		PG-TO220-3-313		Weight*		2216.16 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	1.810	0.08	0.08	817	817
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		408	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		122	
	non noble metal	copper	7440-50-8	902.149	40.71	40.76	407079	407609
wire	non noble metal	aluminium	7429-90-5	3.134	0.14	0.14	1414	1414
encapsulation	organic material	carbon black	1333-86-4	2.308	0.10		1041	
	plastics	epoxy resin	-	216.584	9.77		97730	
	inorganic material	silicondioxide	60676-86-0	932.908	42.10	51.97	420958	519729
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3554	3554
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	747	747
solder	non noble metal	antimony	7440-36-0	0.149	0.01		67	
	noble metal	silver	7440-22-4	0.373	0.02		168	
	non noble metal	tin	7440-31-5	0.970	0.04	0.07	438	673
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		65	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	copper	7440-50-8	144.874	6.54	6.55	65372	65457
*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.
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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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