



Material Content Data Sheet



Sales Product Name		IKA06N60T		Issued		20. July 2018		
MA#		MA001669922						
Package		PG-TO220-3-313		Weight*		2213.44 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	1.605	0.07	0.07	725	725
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		122	
	non noble metal	iron	7439-89-6	0.903	0.04		408	
	non noble metal	copper	7440-50-8	902.149	40.76	40.81	407578	408108
	non noble metal	aluminium	7429-90-5	1.464	0.07	0.07	661	661
wire	non noble metal	aluminium	7429-90-5	1.464	0.07	0.07	661	661
encapsulation	organic material	carbon black	1333-86-4	2.304	0.10		1041	
	plastics	epoxy resin	-	216.429	9.78		97780	
	inorganic material	silicondioxide	60676-86-0	932.362	42.11	51.99	421228	520049
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3559	3559
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	748	748
solder	non noble metal	antimony	7440-36-0	0.135	0.01		61	
	noble metal	silver	7440-22-4	0.339	0.02		153	
	non noble metal	tin	7440-31-5	0.881	0.04	0.07	398	612
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	65452	65538
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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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