



## Material Content Data Sheet



<b>Sales Product Name</b>		IKA06N60T		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001669922						
<b>Package</b>		PG-TO220-3-313		<b>Weight*</b>		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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