



Material Content Data Sheet



Sales Product Name				IKP06N60T		Issued		19. July 2018	
MA#				MA000984556					
Package				PG-TO220-3-1		Weight*		2031.08 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	1.259	0.06	0.06	620	620	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.14	40.19	401430	401954	
wire	non noble metal	aluminium	7429-90-5	13.852	0.68	0.68	6820	6820	
encapsulation	organic material	carbon black	1333-86-4	5.865	0.29		2888		
	plastics	epoxy resin	-	111.441	5.49		54868		
	inorganic material	silicondioxide	60676-86-0	469.224	23.10	28.88	231022	288778	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10567	10567	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
solder	non noble metal	antimony	7440-36-0	0.110	0.01		54		
	noble metal	silver	7440-22-4	0.275	0.01		135		
	non noble metal	tin	7440-31-5	0.714	0.04	0.06	351	540	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.02	29.06	290223	290601	
*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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