



Material Content Data Sheet



Sales Product Name		IKP10N60T		Issued		20. July 2018		
MA#		MA000984558						
Package		PG-TO220-3-1		Weight*		2030.58 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	2.339	0.12	0.12	1152	1152
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	40.15	40.20	401528	402052
wire	non noble metal	aluminium	7429-90-5	2.863	0.14	0.14	1410	1410
encapsulation	organic material	carbon black	1333-86-4	5.952	0.29		2931	
	plastics	epoxy resin	-	113.083	5.57		55690	
	inorganic material	silicondioxide	60676-86-0	476.140	23.45	29.31	234485	293106
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10570	10570
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	0.186	0.01		92	
	noble metal	silver	7440-22-4	0.466	0.02		229	
	non noble metal	tin	7440-31-5	1.210	0.06	0.09	596	917
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	29.03	29.07	290295	290673
*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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