



Material Content Data Sheet



Sales Product Name		IKW75N60T		Issued		25. September 2017		
MA#		MA001200972						
Package		PG-TO247-3-44		Weight*		6069.64 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	11.608	0.19	0.19	1912	1912
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.72	8.73	87166	87279
wire	non noble metal	aluminium	7429-90-5	156.055	2.57	2.57	25711	25711
encapsulation	organic material	carbon black	1333-86-4	18.608	0.31		3066	
	plastics	epoxy resin	-	353.561	5.83		58251	
	inorganic material	silicondioxide	60676-86-0	1488.678	24.53	30.67	245266	306583
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5251	5251
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4789	4789
solder	non noble metal	antimony	7440-36-0	0.795	0.01		131	
	noble metal	silver	7440-22-4	1.988	0.03		328	
	non noble metal	tin	7440-31-5	5.169	0.09	0.13	852	1311
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		567	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.62	56.70	566427	567164
*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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