



Material Content Data Sheet



Sales Product Name		IKW75N60T		Issued		24. January 2018		
MA#		MA001170522						
Package		PG-TO247-3-44		Weight*		6052.85 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	9.402	0.16	0.16	1553	1553
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87408	87522
wire	non noble metal	aluminium	7429-90-5	15.626	0.26	0.26	2582	2582
encapsulation	organic material	carbon black	1333-86-4	19.870	0.33		3283	
	plastics	epoxy resin	-	377.528	6.24		62372	
	inorganic material	silicondioxide	60676-86-0	1589.592	26.26	32.83	262619	328274
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5266	5266
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802
solder	non noble metal	antimony	7440-36-0	0.765	0.01		126	
	noble metal	silver	7440-22-4	1.913	0.03		316	
	non noble metal	tin	7440-31-5	4.974	0.08	0.12	822	1264
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	copper	7440-50-8	3438.006	56.79	56.87	567997	568737
*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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