



Material Content Data Sheet



Sales Product Name	IKW75N60TA			Issued		17. December 2015		
MA#	MA000716250							
Package	PG-TO247-3-41			Weight*		6054.41 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	12.171	0.20	0.20	2010	2010
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	8.74	8.75	87385	87498
wire	non noble metal	aluminium	7429-90-5	15.681	0.26	0.26	2590	2590
encapsulation	organic material	carbon black	1333-86-4	19.846	0.33		3278	
	plastics	epoxy resin	-	377.066	6.23		62279	
	inorganic material	silicondioxide	60676-86-0	1587.647	26.22	32.78	262229	327786
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5330	5330
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4861	4861
solder	non noble metal	antimony	7440-36-0	0.806	0.01		133	
	noble metal	silver	7440-22-4	2.015	0.03		333	
	non noble metal	tin	7440-31-5	5.238	0.09	0.13	865	1331
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.78	56.86	567854	568594
*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 2011/65/EU (RoHS) and does not use any exemption.

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