



Material Content Data Sheet



Sales Product Name		IKW75N65EL5		Issued		19. July 2018		
MA#		MA001174818						
Package		PG-TO247-3-41		Weight*		6052.03 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	7.928	0.13	0.13	1310	1310
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	87420	87534
wire	non noble metal	aluminium	7429-90-5	18.951	0.31	0.31	3131	3131
encapsulation	organic material	carbon black	1333-86-4	19.856	0.33		3281	
	plastics	epoxy resin	-	377.258	6.23		62336	
	inorganic material	silicondioxide	60676-86-0	1588.456	26.25	32.81	262466	328083
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5267	5267
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802
solder	non noble metal	antimony	7440-36-0	0.640	0.01		106	
	noble metal	silver	7440-22-4	1.601	0.03		264	
	non noble metal	tin	7440-31-5	4.161	0.07	0.11	688	1058
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	56.80	56.88	568075	568815
*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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