



## Material Content Data Sheet



<b>Sales Product Name</b>		IKW75N60T		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001408904						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6054.32 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	1917	1917
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	87387	87500
wire	non noble metal	aluminium	7429-90-5	16.508	0.27	0.27	2727	2727
encapsulation	organic material	carbon black	1333-86-4	19.843	0.33		3278	
	plastics	epoxy resin	-	377.020	6.23		62273	
	inorganic material	silicondioxide	60676-86-0	1587.454	26.22	32.78	262201	327752
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5331	5331
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4861	4861
solder	non noble metal	antimony	7440-36-0	0.795	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	854	1313
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	56.78	56.86	567859	568599
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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