



Material Content Data Sheet



Sales Product Name				IKW75N60T		Issued		19. July 2018	
MA#				MA001618566					
Package				PG-TO247-3-41		Weight*		6056.03 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	15.427	0.25	0.25	2547	2547	
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	87362	87475	
wire	non noble metal	aluminium	7429-90-5	16.478	0.27	0.27	2721	2721	
encapsulation	organic material	carbon black	1333-86-4	19.806	0.33		3270		
	plastics	epoxy resin	-	376.316	6.21		62139		
	inorganic material	silicondioxide	60676-86-0	1584.488	26.16	32.70	261639	327048	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5263	5263	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4799	4799	
solder	non noble metal	antimony	7440-36-0	1.033	0.02		171		
	noble metal	silver	7440-22-4	2.583	0.04		427		
	non noble metal	tin	7440-31-5	6.716	0.11	0.17	1109	1707	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.77	56.85	567701	568440	
*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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