



Material Content Data Sheet



Sales Product Name		IKW75N60T		Issued		24. January 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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