



Material Content Data Sheet



Sales Product Name		IKW75N60T		Issued		4. July 2019		
MA#		MA002718522						
Package		PG-TO247-3-41		Weight*		6053.56 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	3.894	0.06	0.06	643	643
chip_2	inorganic material	silicon	7440-21-3	7.713	0.13	0.13	1274	1274
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87398	87512
	non noble metal	aluminium	7429-90-5	16.478	0.27	0.27	2722	2722
wire	non noble metal	aluminium	7429-90-5	16.478	0.27	0.27	2722	2722
encapsulation	organic material	carbon black	1333-86-4	19.843	0.33		3278	
	plastics	epoxy resin	-	377.025	6.23		62282	
	inorganic material	silicondioxide	60676-86-0	1587.475	26.22	32.78	262239	327799
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5265	5265
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4801	4801
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	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	56.79	56.87	567931	568671
*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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