



Material Content Data Sheet



Sales Product Name				IKW75N65EL5		Issued		22. July 2019	
MA#				MA005350955					
Package				PG-TO247-3-44		Weight*		6051.97 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	2.928	0.05	0.05	484	484	
chip_2	inorganic material	silicon	7440-21-3	5.071	0.08	0.08	838	838	
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	87421	87535	
	non noble metal	aluminium	7429-90-5	18.309	0.30	0.30	3025	3025	
wire	non noble metal	aluminium	7429-90-5	18.309	0.30	0.30	3025	3025	
encapsulation	organic material	carbon black	1333-86-4	19.861	0.33		3282		
	plastics	epoxy resin	-	377.355	6.24		62352		
	inorganic material	silicondioxide	60676-86-0	1588.862	26.25	32.82	262536	328170	
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	0.641	0.01		106		
	noble metal	silver	7440-22-4	1.603	0.03		265		
	non noble metal	tin	7440-31-5	4.167	0.07	0.11	689	1060	
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	56.80	56.88	568079	568819	
*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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