



Material Content Data Sheet



Sales Product Name		IKW75N65ES5		Issued		24. January 2018		
MA#		MA002167796						
Package		PG-TO247-3-44		Weight*		6050.90 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	3.773	0.06	0.06	624	624
chip_2	inorganic material	silicon	7440-21-3	3.143	0.05	0.05	519	519
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
wire	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87436	87550
	non noble metal	aluminium	7429-90-5	16.497	0.27	0.27	2726	2726
encapsulation	organic material	carbon black	1333-86-4	19.888	0.33		3287	
	plastics	epoxy resin	-	377.871	6.24		62449	
leadfinish	inorganic material	silicondioxide	60676-86-0	1591.034	26.29	32.86	262942	328678
	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5268	5268
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803
solder	non noble metal	antimony	7440-36-0	0.551	0.01		91	
	noble metal	silver	7440-22-4	1.378	0.02		228	
heatspreader	non noble metal	tin	7440-31-5	3.583	0.06	0.09	592	911
	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	56.83	56.91	568181	568921
*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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