



Material Content Data Sheet



Sales Product Name		IKW75N65EH5		Issued		27. September 2017		
MA#		MA001288636						
Package		PG-TO247-3-41		Weight*		6050.75 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	6.701	0.11	0.11	1108	1108
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	87438	87552
	non noble metal	aluminium	7429-90-5	15.779	0.26	0.26	2608	2608
wire	organic material	carbon black	1333-86-4	19.896	0.33		3288	
encapsulation	plastics	epoxy resin	-	378.027	6.25		62476	
	inorganic material	silicondioxide	60676-86-0	1591.691	26.31	32.89	263057	328821
leadfinish	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	0.548	0.01		91	
	noble metal	silver	7440-22-4	1.370	0.02		226	
heatspreader	non noble metal	tin	7440-31-5	3.561	0.06	0.09	588	905
	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	56.81	56.89	568195	568935
*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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