



## Material Content Data Sheet



<b>Sales Product Name</b>		IKW75N65EH5		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001259728						
<b>Package</b>		PG-TO247-3-44		<b>Weight*</b>		6050.81 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	2.928	0.05	0.05	484	484
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	16.327	0.27	0.27	2698	2698
wire	non noble metal	aluminium	7429-90-5	16.327	0.27	0.27	2698	2698
encapsulation	organic material	carbon black	1333-86-4	19.891	0.33		3287	
	plastics	epoxy resin	-	377.935	6.25		62460	
	inorganic material	silicondioxide	60676-86-0	1591.303	26.30	32.88	262990	328737
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	
	non noble metal	tin	7440-31-5	3.561	0.06	0.09	588	905
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	56.81	56.89	568189	568929
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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