



## Material Content Data Sheet



<b>Sales Product Name</b>		IKW75N60H3		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA000969142						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6069.98 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	10.427	0.17	0.17	1718	1718
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.72	8.73	87162	87275
wire	non noble metal	aluminium	7429-90-5	165.931	2.73	2.73	27336	27336
encapsulation	organic material	carbon black	1333-86-4	18.533	0.31		3053	
	plastics	epoxy resin	-	352.122	5.80		58011	
	inorganic material	silicondioxide	60676-86-0	1482.620	24.43	30.54	244255	305319
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5251	5251
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4788	4788
solder	non noble metal	antimony	7440-36-0	0.717	0.01		118	
	noble metal	silver	7440-22-4	1.792	0.03		295	
	non noble metal	tin	7440-31-5	4.660	0.08	0.12	768	1181
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		567	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.62	56.70	566395	567132
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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