



## Material Content Data Sheet



<b>Sales Product Name</b>		IHW30N60T		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001066710						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6062.49 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	4.942	0.08	0.08	815	815
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	8.73	8.74	87269	87382
wire	non noble metal	aluminium	7429-90-5	133.838	2.21	2.21	22076	22076
encapsulation	organic material	carbon black	1333-86-4	18.871	0.31		3113	
	plastics	epoxy resin	-	358.552	5.91		59143	
	inorganic material	silicondioxide	60676-86-0	1509.691	24.90	31.12	249022	311278
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5258	5258
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4794	4794
solder	non noble metal	antimony	7440-36-0	0.342	0.01		56	
	noble metal	silver	7440-22-4	0.855	0.01		141	
	non noble metal	tin	7440-31-5	2.222	0.04	0.06	366	563
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.70	56.78	567096	567834
*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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