



## Material Content Data Sheet



<b>Sales Product Name</b>		IGW75N60T		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001219498						
<b>Package</b>		PG-TO247-3-44		<b>Weight*</b>		6067.43 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	7.713	0.13	0.13	1271	1271
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	87198	87311
wire	non noble metal	aluminium	7429-90-5	161.038	2.65	2.65	26542	26542
encapsulation	organic material	carbon black	1333-86-4	18.603	0.31		3066	
	plastics	epoxy resin	-	353.463	5.83		58256	
	inorganic material	silicondioxide	60676-86-0	1488.266	24.53	30.67	245289	306611
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5253	5253
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4790	4790
solder	non noble metal	antimony	7440-36-0	0.517	0.01		85	
	noble metal	silver	7440-22-4	1.292	0.02		213	
	non noble metal	tin	7440-31-5	3.358	0.06	0.09	553	851
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	56.64	56.72	566634	567371
*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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