



Material Content Data Sheet



Sales Product Name				IGW75N60T		Issued		20. July 2018	
MA#				MA001072496					
Package				PG-TO247-3-41		Weight*		6068.01 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	87190	87303	
wire	non noble metal	aluminium	7429-90-5	166.080	2.74	2.74	27370	27370	
encapsulation	organic material	carbon black	1333-86-4	18.559	0.31		3058		
	plastics	epoxy resin	-	352.616	5.81		58111		
	inorganic material	silicondioxide	60676-86-0	1484.697	24.47	30.59	244676	305845	
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	56.63	56.71	566580	567317	
*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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