



Material Content Data Sheet



Sales Product Name		IGW75N60T		Issued		26. September 2017		
MA#		MA001417748						
Package		PG-TO247-3-44		Weight*		6051.49 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	7.713	0.13	0.13	1275	1275
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87428	87542
wire	non noble metal	aluminium	7429-90-5	16.077	0.27	0.27	2657	2657
encapsulation	organic material	carbon black	1333-86-4	19.886	0.33		3286	
	plastics	epoxy resin	-	377.833	6.24		62436	
	inorganic material	silicondioxide	60676-86-0	1590.875	26.29	32.86	262890	328612
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5333	5333
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4863	4863
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	555	853
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	copper	7440-50-8	3438.006	56.80	56.88	568125	568865
*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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