



Material Content Data Sheet



Sales Product Name		IGW75N65H5		Issued		20. July 2018		
MA#		MA001696374						
Package		PG-TO247-3-41		Weight*		6047.92 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	3.773	0.06	0.06	624	624
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87479	87593
	non noble metal	aluminium	7429-90-5	11.805	0.20	0.20	1952	1952
wire	non noble metal	aluminium	7429-90-5	11.805	0.20	0.20	1952	1952
encapsulation	organic material	carbon black	1333-86-4	19.961	0.33		3301	
	plastics	epoxy resin	-	379.268	6.27		62710	
	inorganic material	silicondioxide	60676-86-0	1596.919	26.40	33.00	264044	330055
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.302	0.00		50	
	noble metal	silver	7440-22-4	0.755	0.01		125	
	non noble metal	tin	7440-31-5	1.964	0.03	0.04	325	500
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.85	56.93	568460	569200
*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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