



Material Content Data Sheet



Sales Product Name				IGW30N100T		Issued		25. September 2017	
MA#				MA000518308					
Package				PG-TO247-3-41		Weight*		6048.83 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	7.364	0.12	0.12	1217	1217	
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	8.75	8.76	87466	87580	
wire	non noble metal	aluminium	7429-90-5	8.428	0.14	0.14	1393	1393	
encapsulation	organic material	carbon black	1333-86-4	19.960	0.33		3300		
	plastics	epoxy resin	-	379.233	6.27		62695		
	inorganic material	silicondioxide	60676-86-0	1596.769	26.40	33.00	263980	329975	
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	4805	4805	
solder	non noble metal	antimony	7440-36-0	0.390	0.01		64		
	noble metal	silver	7440-22-4	0.975	0.02		161		
	non noble metal	tin	7440-31-5	2.535	0.04	0.07	419	644	
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	56.82	56.90	568376	569116	
*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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