



## Material Content Data Sheet



<b>Sales Product Name</b>		IGW60T120		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA000919758						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6053.53 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	15.927	0.26	0.26	2631	2631
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		656	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.54	65.63	655334	656187
wire	non noble metal	aluminium	7429-90-5	13.501	0.22	0.22	2230	2230
encapsulation	organic material	carbon black	1333-86-4	19.829	0.33		3276	
	plastics	epoxy resin	-	376.753	6.22		62237	
	inorganic material	silicondioxide	60676-86-0	1586.326	26.20	32.75	262050	327563
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5265	5265
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4801	4801
solder	non noble metal	antimony	7440-36-0	0.801	0.01		132	
	noble metal	silver	7440-22-4	2.003	0.03		331	
	non noble metal	tin	7440-31-5	5.208	0.09	0.13	860	1323
*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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