



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA075N15N3 G		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001333876						
<b>Package</b>		PG-TO220-3-313		<b>Weight*</b>		2213.12 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	17.562	0.79	0.79	7936	7936
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		408	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		122	
	non noble metal	copper	7440-50-8	902.149	40.76	40.81	407637	408167
wire	non noble metal	aluminium	7429-90-5	10.111	0.46	0.46	4568	4568
encapsulation	organic material	carbon black	1333-86-4	2.369	0.11		1070	
	plastics	epoxy resin	-	211.970	9.58		95779	
	inorganic material	silicondioxide	60676-86-0	905.871	40.93	50.62	409319	506168
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3604	3604
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	758	758
solder	non noble metal	antimony	7440-36-0	0.719	0.03		325	
	noble metal	silver	7440-22-4	1.799	0.08		813	
	non noble metal	tin	7440-31-5	4.676	0.21	0.32	2113	3251
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		66	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	copper	7440-50-8	144.874	6.55	6.56	65462	65548
*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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