



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI084N06L3 G		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001707540						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1562.77 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	2.120	0.14	0.14	1357	1357
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		544	
	non noble metal	copper	7440-50-8	849.682	54.37	54.44	543703	544410
	non noble metal	aluminium	7429-90-5	3.172	0.20	0.20	2030	2030
wire	non noble metal	aluminium	7429-90-5	3.172	0.20	0.20	2030	2030
encapsulation	organic material	carbon black	1333-86-4	2.328	0.15		1490	
	plastics	epoxy resin	-	67.507	4.32		43197	
	inorganic material	silicondioxide	60676-86-0	512.125	32.77	37.24	327703	372390
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9725	9725
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.153	0.01		98	
	noble metal	silver	7440-22-4	0.383	0.02		245	
	non noble metal	tin	7440-31-5	0.997	0.06	0.09	638	981
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.80	6.81	67963	68051
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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