



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI040N06N3 G		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001707612						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1564.69 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	5.184	0.33	0.33	3313	3313
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	54.30	54.37	543035	543742
	non noble metal	aluminium	7429-90-5	6.319	0.40	0.40	4039	4039
wire	non noble metal	aluminium	7429-90-5	6.319	0.40	0.40	4039	4039
encapsulation	organic material	carbon black	1333-86-4	2.306	0.15		1474	
	plastics	epoxy resin	-	66.862	4.27		42732	
	inorganic material	silicondioxide	60676-86-0	507.229	32.42	36.84	324172	368378
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9713	9713
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1055	1055
solder	non noble metal	antimony	7440-36-0	0.281	0.02		179	
	noble metal	silver	7440-22-4	0.702	0.04		448	
	non noble metal	tin	7440-31-5	1.824	0.12	0.18	1166	1793
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	6.79	6.80	67879	67967
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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