



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI030N10N3 G		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001709832						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1569.84 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	15.455	0.98	0.98	9845	9845
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		542	
	non noble metal	copper	7440-50-8	849.682	54.13	54.20	541254	541959
	non noble metal	aluminium	7429-90-5	10.430	0.66	0.66	6644	6644
wire	non noble metal	aluminium	7429-90-5	10.430	0.66	0.66	6644	6644
encapsulation	organic material	carbon black	1333-86-4	2.254	0.14		1436	
	plastics	epoxy resin	-	65.371	4.16		41642	
	inorganic material	silicondioxide	60676-86-0	495.917	31.59	35.89	315903	358981
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9681	9681
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1052	1052
solder	non noble metal	antimony	7440-36-0	0.643	0.04		409	
	noble metal	silver	7440-22-4	1.606	0.10		1023	
	non noble metal	tin	7440-31-5	4.177	0.27	0.41	2661	4093
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	6.77	6.78	67657	67745
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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