



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI037N08N3 G		<b>Issued</b>		19. January 2018	
<b>MA#</b>				MA001709840					
<b>Package</b>				PG-TO262-3-22		<b>Weight*</b>		1565.97 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	7.048	0.45	0.45	4501	4501	
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	iron	7439-89-6	0.851	0.05		543		
	non noble metal	copper	7440-50-8	849.682	54.25	54.32	542593	543299	
	non noble metal	aluminium	7429-90-5	9.462	0.60	0.60	6043	6043	
wire	non noble metal	aluminium	7429-90-5	9.462	0.60	0.60	6043	6043	
encapsulation	organic material	carbon black	1333-86-4	2.288	0.15		1461		
	plastics	epoxy resin	-	66.346	4.24		42368		
	inorganic material	silicondioxide	60676-86-0	503.317	32.14	36.53	321409	365238	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9705	9705	
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054	
solder	non noble metal	antimony	7440-36-0	0.352	0.02		225		
	noble metal	silver	7440-22-4	0.880	0.06		562		
	non noble metal	tin	7440-31-5	2.288	0.15	0.23	1461	2248	
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	6.78	6.79	67824	67912	
*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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