



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI024N06N3 G		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001705012						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1567.57 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	10.427	0.67	0.67	6652	6652
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	54.17	54.24	542038	542744
	non noble metal	aluminium	7429-90-5	9.905	0.63	0.63	6318	6318
wire	non noble metal	aluminium	7429-90-5	9.905	0.63	0.63	6318	6318
encapsulation	organic material	carbon black	1333-86-4	2.274	0.15		1451	
	plastics	epoxy resin	-	65.947	4.21		42070	
	inorganic material	silicondioxide	60676-86-0	500.290	31.92	36.28	319150	362671
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9695	9695
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1053	1053
solder	non noble metal	antimony	7440-36-0	0.474	0.03		302	
	noble metal	silver	7440-22-4	1.185	0.08		756	
	non noble metal	tin	7440-31-5	3.082	0.20	0.31	1966	3024
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	67755	67843
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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