



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI530N15N3 G		<b>Issued</b>		24. January 2018	
<b>MA#</b>				MA001065588					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1568.20 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	2.621	0.17	0.17	1672	1672	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		543		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	copper	7440-50-8	849.682	54.19	54.26	541819	542526	
wire	non noble metal	aluminium	7429-90-5	3.012	0.19	0.19	1920	1920	
encapsulation	organic material	carbon black	1333-86-4	5.880	0.38		3750		
	plastics	epoxy resin	-	111.722	7.12		71243		
	inorganic material	silicondioxide	60676-86-0	470.410	30.00	37.50	299969	374962	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9691	9691	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	146	
solder	non noble metal	antimony	7440-36-0	0.199	0.01		127		
	noble metal	silver	7440-22-4	0.497	0.03		317		
	non noble metal	tin	7440-31-5	1.292	0.08	0.12	824	1268	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67727	67815	
*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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