



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB530N15N3 G		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000771432						
<b>Package</b>		PG-TO263-3-2		<b>Weight*</b>		1557.86 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	1683	1683
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.52	19.55	195156	195410
wire	non noble metal	aluminium	7429-90-5	0.126	0.01	0.01	81	81
encapsulation	organic material	carbon black	1333-86-4	10.344	0.66		6640	
	plastics	epoxy resin	-	113.785	7.30		73039	
	inorganic material	silicondioxide	60676-86-0	565.477	36.30	44.26	362984	442663
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6199	6199
plating	non noble metal	nickel	7440-02-0	0.228	0.01		147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	147
solder	noble metal	silver	7440-22-4	0.070	0.00		45	
	non noble metal	tin	7440-31-5	0.056	0.00		36	
	non noble metal	lead	7439-92-1	2.691	0.17	0.17	1727	1808
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.16	35.21	351551	352009
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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