



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB200N15N3 G		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA001130930						
<b>Package</b>		PG-TO263-3-2		<b>Weight*</b>		1560.92 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	6.306	0.40	0.40	4040	4040
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	19.48	19.51	194774	195028
wire	non noble metal	aluminium	7429-90-5	6.227	0.40	0.40	3989	3989
encapsulation	organic material	carbon black	1333-86-4	10.211	0.65		6542	
	plastics	epoxy resin	-	112.325	7.20		71961	
	inorganic material	silicondioxide	60676-86-0	558.221	35.75	43.60	357623	436127
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6187	6187
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	noble metal	silver	7440-22-4	0.124	0.01		79	
	non noble metal	tin	7440-31-5	0.099	0.01		63	
	non noble metal	lead	7439-92-1	4.720	0.30	0.32	3024	3166
heatspreader	non noble metal	iron	7439-89-6	0.548	0.04		351	
	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	copper	7440-50-8	547.666	35.09	35.14	350861	351317
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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