



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB100N08S2L-07		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000275860						
<b>Package</b>		PG-TO263-3-2		<b>Weight*</b>		1564.38 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	12.294	0.79	0.79	7858	7858
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		58	
	non noble metal	copper	7440-50-8	304.026	19.43	19.46	194343	194596
wire	non noble metal	aluminium	7429-90-5	7.692	0.49	0.49	4917	4917
encapsulation	organic material	carbon black	1333-86-4	10.110	0.65		6463	
	plastics	epoxy resin	-	111.212	7.11		71090	
	inorganic material	silicondioxide	60676-86-0	552.691	35.32	43.08	353295	430849
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6173	6173
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	0.192	0.01		123	
	non noble metal	tin	7440-31-5	0.154	0.01		98	
	non noble metal	lead	7439-92-1	7.350	0.47	0.49	4699	4920
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		351	
	non noble metal	copper	7440-50-8	547.666	35.01	35.06	350085	350541
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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