



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB60R385CP		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000737376						
<b>Package</b>		PG-TO263-3-2		<b>Weight*</b>		1559.34 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	5.064	0.32	0.32	3248	3248
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	19.50	19.53	194971	195225
wire	non noble metal	aluminium	7429-90-5	0.756	0.05	0.05	485	485
encapsulation	organic material	carbon black	1333-86-4	10.302	0.66		6607	
	plastics	epoxy resin	-	113.324	7.27		72674	
	inorganic material	silicondioxide	60676-86-0	563.186	36.10	44.03	361170	440452
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6193	6193
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	1	147
solder	noble metal	silver	7440-22-4	0.100	0.01		64	
	non noble metal	tin	7440-31-5	0.080	0.01		52	
	non noble metal	lead	7439-92-1	3.836	0.25	0.27	2460	2576
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.12	35.17	351217	351674
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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