



## Material Content Data Sheet



<b>Sales Product Name</b>		IPB180P04P4-03		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA000892844							
<b>Package</b>		PG-TO263-7-3		<b>Weight*</b>		1525.31 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	6.489	0.43	0.43	4254	4254	
leadframe	non noble metal	iron	7439-89-6	0.803	0.05		526		
	inorganic material	phosphorus	7723-14-0	0.241	0.02		158		
	non noble metal	copper	7440-50-8	801.714	52.54	52.61	525607	526292	
wire	non noble metal	aluminium	7429-90-5	12.895	0.85	0.85	8454	8454	
encapsulation	organic material	carbon black	1333-86-4	8.694	0.57		5700		
	plastics	epoxy resin	-	95.636	6.27		62699		
	inorganic material	silicondioxide	60676-86-0	475.280	31.16	38.00	311595	379994	
leadfinish	non noble metal	tin	7440-31-5	12.317	0.81	0.81	8075	8075	
plating	non noble metal	nickel	7440-02-0	0.269	0.02		177		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.02	1	177	
solder	noble metal	silver	7440-22-4	0.116	0.01		76		
	non noble metal	tin	7440-31-5	0.092	0.01		61		
	non noble metal	lead	7439-92-1	4.414	0.29	0.31	2894	3031	
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		21		
	non noble metal	iron	7439-89-6	0.106	0.01		70		
	non noble metal	copper	7440-50-8	106.210	6.96	6.97	69632	69723	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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