



Material Content Data Sheet



Sales Product Name		IPB65R150CFDA		Issued		29. August 2013		
MA#		MA001001678						
Package		PG-TO263-3-2		Weight*		1563.42 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	11.566	0.74	0.74	7398	7398
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	19.45	19.48	194462	194715
wire	non noble metal	aluminium	7429-90-5	2.634	0.17	0.17	1685	1685
encapsulation	organic material	carbon black	1333-86-4	10.188	0.65		6516	
	plastics	epoxy resin	-	112.064	7.17		71679	
	inorganic material	silicondioxide	60676-86-0	556.922	35.61	43.43	356220	434416
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6177	6177
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	0.184	0.01		118	
	non noble metal	tin	7440-31-5	0.147	0.01		94	
	non noble metal	lead	7439-92-1	7.028	0.45	0.47	4495	4707
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	35.03	35.08	350300	350756
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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