



Material Content Data Sheet



Sales Product Name		IPB60R160C6		Issued		29. August 2013		
MA#		MA000974340						
Package		PG-TO263-3-2		Weight*		1562.37 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	9.747	0.62	0.62	6239	6239
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	19.46	19.49	194593	194846
wire	non noble metal	aluminium	7429-90-5	2.769	0.18	0.18	1772	1772
encapsulation	organic material	carbon black	1333-86-4	10.211	0.65		6535	
	plastics	epoxy resin	-	112.319	7.19		71890	
	inorganic material	silicondioxide	60676-86-0	558.190	35.73	43.57	357273	435698
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6181	6181
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	0	146
solder	noble metal	silver	7440-22-4	0.161	0.01		103	
	non noble metal	tin	7440-31-5	0.129	0.01		83	
	non noble metal	lead	7439-92-1	6.156	0.39	0.41	3940	4126
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	35.05	35.10	350536	350992
*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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