



Material Content Data Sheet



Sales Product Name		IPB60R125CP		Issued		29. August 2013		
MA#		MA000848648						
Package		PG-TO263-3-2		Weight*		1564.39 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	13.508	0.86	0.86	8635	8635
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	194342	194595
wire	non noble metal	aluminium	7429-90-5	2.346	0.15	0.15	1500	1500
encapsulation	organic material	carbon black	1333-86-4	10.165	0.65		6498	
	plastics	epoxy resin	-	111.817	7.15		71477	
	inorganic material	silicondioxide	60676-86-0	555.698	35.52	43.32	355217	433192
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	0	146
solder	noble metal	silver	7440-22-4	0.204	0.01		131	
	non noble metal	tin	7440-31-5	0.163	0.01		104	
	non noble metal	lead	7439-92-1	7.799	0.50	0.52	4985	5220
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	350083	350539
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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