



Material Content Data Sheet



Sales Product Name	IPB60R125C6			Issued		29. August 2013		
MA#	MA000974346							
Package	PG-TO263-3-2			Weight*		1563.73 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	12.221	0.78	0.78	7815	7815
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	19.44	19.47	194424	194677
wire	non noble metal	aluminium	7429-90-5	2.778	0.18	0.18	1776	1776
encapsulation	organic material	carbon black	1333-86-4	10.177	0.65		6508	
	plastics	epoxy resin	-	111.947	7.16		71590	
	inorganic material	silicondioxide	60676-86-0	556.341	35.58	43.39	355778	433876
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6175	6175
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	0.190	0.01		121	
	non noble metal	tin	7440-31-5	0.152	0.01		97	
	non noble metal	lead	7439-92-1	7.240	0.46	0.48	4630	4848
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	35.02	35.07	350231	350687
*deviation	< 10%	Sum in total:				100,00		1000000

Important Remarks:

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