



Material Content Data Sheet



Sales Product Name		IPB600N25N3 G		Issued		29. August 2013		
MA#		MA000678374						
Package		PG-TO263-3-2		Weight*		1560.96 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	6.322	0.40	0.40	4050	4050
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.48	19.51	194769	195023
wire	non noble metal	aluminium	7429-90-5	6.480	0.42	0.42	4151	4151
encapsulation	organic material	carbon black	1333-86-4	10.208	0.65		6539	
	plastics	epoxy resin	-	112.285	7.19		71934	
	inorganic material	silicondioxide	60676-86-0	558.024	35.74	43.58	357490	435964
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6186	6186
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	0.124	0.01		79	
	non noble metal	tin	7440-31-5	0.099	0.01		63	
	non noble metal	lead	7439-92-1	4.728	0.30	0.32	3029	3171
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	35.09	35.14	350853	351309
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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