



Material Content Data Sheet



Sales Product Name		IPB055N03L G		Issued		29. August 2013		
MA#		MA000306254						
Package		PG-TO263-3-2		Weight*		1556.90 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	1.415	0.09	0.09	909	909
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		196	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.53	19.56	195276	195531
wire	non noble metal	aluminium	7429-90-5	2.833	0.18	0.18	1820	1820
encapsulation	organic material	carbon black	1333-86-4	10.326	0.66		6633	
	plastics	epoxy resin	-	113.589	7.30		72958	
	inorganic material	silicondioxide	60676-86-0	564.503	36.25	44.21	362580	442172
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6202	6202
plating	non noble metal	nickel	7440-02-0	0.228	0.01		147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	147
solder	non noble metal	lead	7439-92-1	1.480	0.10		950	
	noble metal	silver	7440-22-4	0.039	0.00		25	
	non noble metal	tin	7440-31-5	0.031	0.00	0.10	20	995
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.18	35.23	351766	352224
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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