



Material Content Data Sheet



Sales Product Name	IPB80N04S3-06			Issued		29. August 2013		
MA#	MA000363514							
Package	PG-TO263-3-2			Weight*		1558.49 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	3.047	0.20	0.20	1955	1955
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	19.51	19.54	195077	195331
wire	non noble metal	aluminium	7429-90-5	5.808	0.37	0.37	3727	3727
encapsulation	organic material	carbon black	1333-86-4	10.263	0.66		6585	
	plastics	epoxy resin	-	112.895	7.24		72439	
	inorganic material	silicondioxide	60676-86-0	561.055	36.00	43.90	359998	439023
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6196	6196
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	noble metal	silver	7440-22-4	0.068	0.00		44	
	non noble metal	tin	7440-31-5	0.055	0.00		35	
	non noble metal	lead	7439-92-1	2.612	0.17	0.17	1676	1755
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	35.14	35.19	351408	351866
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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