



Material Content Data Sheet



Sales Product Name	IPB70N04S3-07			Issued		29. August 2013		
MA#	MA000366363							
Package	PG-TO263-3-2			Weight*		1558.22 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	2.588	0.17	0.17	1661	1661
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	195111	195365
wire	non noble metal	aluminium	7429-90-5	6.250	0.40	0.40	4011	4011
encapsulation	organic material	carbon black	1333-86-4	10.264	0.66		6587	
	plastics	epoxy resin	-	112.902	7.25		72456	
	inorganic material	silicondioxide	60676-86-0	561.087	36.00	43.91	360081	439125
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6197	6197
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	0.061	0.00		39	
	non noble metal	tin	7440-31-5	0.049	0.00		31	
	non noble metal	lead	7439-92-1	2.333	0.15	0.15	1497	1567
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	35.15	35.20	351469	351927
*deviation	< 10%	Sum in total:			100,00			1000000

Important Remarks:

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