



Material Content Data Sheet



Sales Product Name		IPB80P03P4-05		Issued		29. August 2013		
MA#		MA000462542						
Package		PG-TO263-3-2		Weight*		1559.01 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	4.029	0.26	0.26	2584	2584
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	19.50	19.53	195012	195266
wire	non noble metal	aluminium	7429-90-5	5.549	0.36	0.36	3559	3559
encapsulation	organic material	carbon black	1333-86-4	10.253	0.66		6577	
	plastics	epoxy resin	-	112.786	7.23		72344	
	inorganic material	silicondioxide	60676-86-0	560.512	35.94	43.83	359529	438451
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6194	6194
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	0.080	0.01		51	
	non noble metal	tin	7440-31-5	0.064	0.00		41	
	non noble metal	lead	7439-92-1	3.055	0.20	0.21	1959	2051
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	35.13	35.18	351290	351748
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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