



Material Content Data Sheet



Sales Product Name		IPB35N10S3L-26		Issued		29. August 2013		
MA#		MA000782722						
Package		PG-TO263-3-2		Weight*		1558.43 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	2.969	0.19	0.19	1905	1905
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	195085	195339
wire	non noble metal	aluminium	7429-90-5	2.836	0.18	0.18	1820	1820
encapsulation	organic material	carbon black	1333-86-4	10.303	0.66		6611	
	plastics	epoxy resin	-	113.332	7.27		72722	
	inorganic material	silicondioxide	60676-86-0	563.228	36.15	44.08	361407	440741
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	0.077	0.00		49	
	non noble metal	tin	7440-31-5	0.061	0.00		39	
	non noble metal	lead	7439-92-1	2.936	0.19	0.19	1884	1972
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	351422	351880
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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