



Material Content Data Sheet



Sales Product Name		IPB010N06N		Issued		29. August 2013		
MA#		MA000965712						
Package		PG-TO263-7-3		Weight*		1568.02 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	51.083	3.26	3.26	32578	32578
leadframe	non noble metal	iron	7439-89-6	0.803	0.05		512	
	inorganic material	phosphorus	7723-14-0	0.241	0.02		154	
	non noble metal	copper	7440-50-8	801.714	51.13	51.20	511292	511958
wire	non noble metal	aluminium	7429-90-5	14.459	0.92	0.92	9221	9221
encapsulation	organic material	carbon black	1333-86-4	8.009	0.51		5107	
	plastics	epoxy resin	-	88.095	5.62		56182	
	inorganic material	silicondioxide	60676-86-0	437.804	27.92	34.05	279210	340499
leadfinish	non noble metal	tin	7440-31-5	12.317	0.79	0.79	7855	7855
plating	non noble metal	nickel	7440-02-0	0.269	0.02		172	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.02	0	172
solder	noble metal	silver	7440-22-4	1.172	0.07		747	
	non noble metal	tin	7440-31-5	0.937	0.06		598	
	non noble metal	lead	7439-92-1	44.764	2.85	2.98	28549	29894
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67735	67823
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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