



Material Content Data Sheet



Sales Product Name		IPB072N15N3 G		Issued		29. August 2013		
MA#		MA000771496						
Package		PG-TO263-3-2		Weight*		1567.54 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	17.562	1.12	1.12	11204	11204
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		194	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		58	
	non noble metal	copper	7440-50-8	304.026	19.40	19.43	193951	194203
wire	non noble metal	aluminium	7429-90-5	9.364	0.60	0.60	5974	5974
encapsulation	organic material	carbon black	1333-86-4	10.016	0.64		6390	
	plastics	epoxy resin	-	110.175	7.03		70285	
	inorganic material	silicondioxide	60676-86-0	547.534	34.93	42.60	349296	425971
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6160	6160
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	146
solder	noble metal	silver	7440-22-4	0.255	0.02		163	
	non noble metal	tin	7440-31-5	0.204	0.01		130	
	non noble metal	lead	7439-92-1	9.743	0.62	0.65	6215	6508
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		350	
	non noble metal	copper	7440-50-8	547.666	34.92	34.97	349379	349834
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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