



Material Content Data Sheet



Sales Product Name	IPP80N06S2L-06			Issued		29. August 2013		
MA#	MA000275666							
Package	PG-TO220-3-1			Weight*		2038.17 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	8.257	0.41	0.41	4051	4051
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		401	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.00	40.05	400031	400553
wire	non noble metal	aluminium	7429-90-5	5.702	0.28	0.28	2798	2798
encapsulation	organic material	carbon black	1333-86-4	8.855	0.43		4345	
	plastics	epoxy resin	-	97.407	4.78		47791	
	inorganic material	silicondioxide	60676-86-0	484.081	23.75	28.96	237507	289643
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10530	10530
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120
solder	noble metal	silver	7440-22-4	0.138	0.01		68	
	non noble metal	tin	7440-31-5	0.111	0.01		54	
	non noble metal	lead	7439-92-1	5.286	0.26	0.28	2593	2715
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	28.92	28.96	289213	289590
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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