



Material Content Data Sheet



Sales Product Name	IPI80N06S4L-05			Issued		29. August 2013		
MA#	MA000471464							
Package	PG-TO262-3-1			Weight*		1572.62 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	3.393	0.22	0.22	2158	2158
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	copper	7440-50-8	849.682	54.04	54.11	540297	541001
wire	non noble metal	aluminium	7429-90-5	5.546	0.35	0.35	3527	3527
encapsulation	organic material	carbon black	1333-86-4	8.822	0.56		5610	
	plastics	epoxy resin	-	97.046	6.17		61710	
	inorganic material	silicondioxide	60676-86-0	482.290	30.67	37.40	306680	374000
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9664	9664
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145
solder	noble metal	silver	7440-22-4	0.074	0.00		47	
	non noble metal	tin	7440-31-5	0.059	0.00		38	
	non noble metal	lead	7439-92-1	2.822	0.18	0.18	1795	1880
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	6.75	6.76	67537	67625
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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