



## Material Content Data Sheet



Sales Product Name	IPI80N04S2-H4			Issued		29. August 2013		
MA#	MA000275602							
Package	PG-TO262-3-1			Weight*		1577.00 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	10.198	0.65	0.65	6467	6467
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		540	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	copper	7440-50-8	849.682	53.89	53.96	538796	539499
wire	non noble metal	aluminium	7429-90-5	7.361	0.47	0.47	4668	4668
encapsulation	organic material	carbon black	1333-86-4	8.704	0.55		5519	
	plastics	epoxy resin	-	95.745	6.07		60713	
	inorganic material	silicondioxide	60676-86-0	475.821	30.17	36.79	301726	367958
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9637	9637
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	0.165	0.01		105	
	non noble metal	tin	7440-31-5	0.132	0.01		84	
	non noble metal	lead	7439-92-1	6.310	0.40	0.42	4001	4190
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		67	
	non noble metal	copper	7440-50-8	106.210	6.73	6.74	67349	67436
*deviation	< 10%	Sum in total:			100,00			1000000

### Important Remarks:

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