



Material Content Data Sheet



Sales Product Name	IPI45P03P4L-11			Issued		29. August 2013		
MA#	MA000462532							
Package	PG-TO262-3-1			Weight*		1570.86 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	1.525	0.10	0.10	971	971
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	copper	7440-50-8	849.682	54.09	54.16	540903	541608
wire	non noble metal	aluminium	7429-90-5	2.740	0.17	0.17	1744	1744
encapsulation	organic material	carbon black	1333-86-4	8.887	0.57		5657	
	plastics	epoxy resin	-	97.753	6.22		62229	
	inorganic material	silicondioxide	60676-86-0	485.801	30.93	37.72	309259	377145
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9675	9675
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	non noble metal	lead	7439-92-1	1.517	0.10		966	
	noble metal	silver	7440-22-4	0.040	0.00		25	
	non noble metal	tin	7440-31-5	0.032	0.00	0.10	20	1011
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	6.76	6.77	67613	67701
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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