



Material Content Data Sheet



Sales Product Name		IPI50R399CP		Issued		29. August 2013		
MA#		MA000907560						
Package		PG-TO262-3-1		Weight*		1568.90 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	4.846	0.31	0.31	3089	3089
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.17	54.24	541576	542282
wire	non noble metal	aluminium	7429-90-5	0.790	0.05	0.05	504	504
encapsulation	organic material	carbon black	1333-86-4	5.880	0.37		3748	
	plastics	epoxy resin	-	111.712	7.12		71204	
	inorganic material	silicondioxide	60676-86-0	470.368	29.98	37.47	299807	374759
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9687	9687
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	1	146
solder	non noble metal	antimony	7440-36-0	0.274	0.02		175	
	noble metal	silver	7440-22-4	0.686	0.04		437	
	non noble metal	tin	7440-31-5	1.783	0.11	0.17	1136	1748
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	6.77	6.78	67697	67785
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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