



Material Content Data Sheet



Sales Product Name	IPI22N03S4L-15			Issued		29. August 2013		
MA#	MA000858712							
Package	PG-TO262-3-1			Weight*		1569.87 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	0.562	0.04	0.04	358	358
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	54.11	54.18	541243	541949
wire	non noble metal	aluminium	7429-90-5	0.738	0.05	0.05	470	470
encapsulation	organic material	carbon black	1333-86-4	8.927	0.57		5687	
	plastics	epoxy resin	-	98.199	6.26		62552	
	inorganic material	silicondioxide	60676-86-0	488.019	31.09	37.92	310866	379105
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9681	9681
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	lead	7439-92-1	0.821	0.05		523	
	noble metal	silver	7440-22-4	0.021	0.00		14	
	non noble metal	tin	7440-31-5	0.017	0.00	0.05	11	548
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	67655	67743
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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