



Material Content Data Sheet



Sales Product Name		IPI075N15N3 G		Issued		29. August 2013		
MA#		MA000771292						
Package		PG-TO262-3-1		Weight*		1574.51 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	17.562	1.12	1.12	11154	11154
leadframe	non noble metal	iron	7439-89-6	0.957	0.06		608	
	inorganic material	phosphorus	7723-14-0	0.287	0.02		182	
	non noble metal	copper	7440-50-8	955.892	60.71	60.79	607107	607897
wire	non noble metal	aluminium	7429-90-5	9.761	0.62	0.62	6199	6199
encapsulation	organic material	carbon black	1333-86-4	5.688	0.36		3612	
	plastics	epoxy resin	-	108.068	6.86		68636	
	inorganic material	silicondioxide	60676-86-0	455.025	28.90	36.12	288996	361244
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9652	9652
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	0	145
solder	non noble metal	antimony	7440-36-0	0.584	0.04		371	
	noble metal	silver	7440-22-4	1.460	0.09		927	
	non noble metal	tin	7440-31-5	3.796	0.24	0.37	2411	3709
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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