



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI60R385CP		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA001135338						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1564.10 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	5.064	0.32	0.32	3238	3238
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		544	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.33	54.40	543239	543946
wire	non noble metal	aluminium	7429-90-5	0.681	0.04	0.04	435	435
encapsulation	organic material	carbon black	1333-86-4	2.326	0.15		1487	
	plastics	epoxy resin	-	67.445	4.31		43121	
	inorganic material	silicondioxide	60676-86-0	511.653	32.71	37.17	327122	371730
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9717	9717
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1055	1055
solder	noble metal	silver	7440-22-4	0.737	0.05		471	
	non noble metal	antimony	7440-36-0	0.295	0.02		189	
	non noble metal	tin	7440-31-5	1.917	0.12	0.19	1226	1886
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68	
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	copper	7440-50-8	106.210	6.79	6.80	67905	67993
*deviation	< 10%				Sum in total:	100,00		1000000

### Important Remarks:

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