



## Material Content Data Sheet



<b>Sales Product Name</b>		IPP60R750E6		<b>Issued</b>		21. July 2016		
<b>MA#</b>		MA001051768						
<b>Package</b>		PG-TO220-3-1		<b>Weight*</b>		2031.13 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	2.737	0.13	0.13	1347	1347
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.15	40.20	401419	401943
wire	non noble metal	aluminium	7429-90-5	7.043	0.35	0.35	3468	3468
encapsulation	organic material	carbon black	1333-86-4	5.911	0.29		2910	
	plastics	epoxy resin	-	112.318	5.53		55298	
	inorganic material	silicondioxide	60676-86-0	472.919	23.28	29.10	232836	291044
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10567	10567
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120
solder	non noble metal	antimony	7440-36-0	0.186	0.01		92	
	noble metal	silver	7440-22-4	0.466	0.02		229	
	non noble metal	tin	7440-31-5	1.211	0.06	0.09	596	917
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	29.02	29.06	290216	290594
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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