



## Material Content Data Sheet



<b>Sales Product Name</b>		IPP600N25N3 G		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000812206						
<b>Package</b>		PG-TO220-3-1		<b>Weight*</b>		2032.96 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	6.322	0.31	0.31	3110	3110
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.09	40.14	401057	401580
wire	non noble metal	aluminium	7429-90-5	6.824	0.34	0.34	3357	3357
encapsulation	organic material	carbon black	1333-86-4	5.880	0.29		2892	
	plastics	epoxy resin	-	111.718	5.50		54953	
	inorganic material	silicondioxide	60676-86-0	470.390	23.14	28.93	231382	289227
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10557	10557
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	0.349	0.02		172	
	noble metal	silver	7440-22-4	0.873	0.04		429	
	non noble metal	tin	7440-31-5	2.270	0.11	0.17	1116	1717
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	29.00	29.04	289955	290332
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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