



## Material Content Data Sheet



<b>Sales Product Name</b>				IPP60R600P6		<b>Issued</b>		17. April 2015	
<b>MA#</b>				MA001356280					
<b>Package</b>				PG-TO220-3-1		<b>Weight*</b>		2030.82 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	3.063	0.15	0.15	1508	1508	
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	401479	402003	
wire	non noble metal	aluminium	7429-90-5	0.714	0.04	0.04	352	352	
encapsulation	organic material	carbon black	1333-86-4	5.964	0.29		2937		
	plastics	epoxy resin	-	113.325	5.58		55802		
	inorganic material	silicondioxide	60676-86-0	477.158	23.50	29.37	234958	293697	
leadfinish	non noble metal	tin	7440-31-5	21.731	1.07	1.07	10700	10700	
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	0.200	0.01		98		
	noble metal	silver	7440-22-4	0.499	0.02		246		
	non noble metal	tin	7440-31-5	1.297	0.06	0.09	639	983	
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	29.03	29.07	290259	290637	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com