



## Material Content Data Sheet



<b>Sales Product Name</b>		IPP60R330P6		<b>Issued</b>		11. September 2014		
<b>MA#</b>		MA001115188						
<b>Package</b>		PG-TO220-3-1		<b>Weight*</b>		2031.50 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	5.001	0.25	0.25	2462	2462
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	40.13	40.18	401345	401869
wire	non noble metal	aluminium	7429-90-5	0.725	0.04	0.04	357	357
encapsulation	organic material	carbon black	1333-86-4	5.946	0.29		2927	
	plastics	epoxy resin	-	112.982	5.56		55615	
	inorganic material	silicondioxide	60676-86-0	475.715	23.42	29.27	234168	292710
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10565	10565
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	0.280	0.01		138	
	noble metal	silver	7440-22-4	0.699	0.03		344	
	non noble metal	tin	7440-31-5	1.818	0.09	0.13	895	1377
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	290162	290540
*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