



Material Content Data Sheet



Sales Product Name		IPP60R600C6		Issued		29. August 2013		
MA#		MA001096722						
Package		PG-TO220-3-1		Weight*		2030.56 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	40.16	40.21	401532	402056
wire	non noble metal	aluminium	7429-90-5	0.722	0.04	0.04	356	356
encapsulation	organic material	carbon black	1333-86-4	5.964	0.29		2937	
	plastics	epoxy resin	-	113.324	5.58		55809	
	inorganic material	silicondioxide	60676-86-0	477.152	23.50	29.37	234986	293732
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10570	10570
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	290297	290675
*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.

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