



## Material Content Data Sheet



<b>Sales Product Name</b>		IPP60R600P7		<b>Issued</b>		23. January 2018		
<b>MA#</b>		MA002020028						
<b>Package</b>		PG-TO220-3-1		<b>Weight*</b>		2029.83 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	1.664	0.08	0.08	820	820
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.17	40.22	401675	402198
	non noble metal	aluminium	7429-90-5	0.785	0.04	0.04	387	387
wire	non noble metal	aluminium	7429-90-5	0.785	0.04	0.04	387	387
encapsulation	organic material	carbon black	1333-86-4	5.977	0.29		2945	
	plastics	epoxy resin	-	113.562	5.59		55946	
	inorganic material	silicondioxide	60676-86-0	478.156	23.56	29.44	235564	294455
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10573	10573
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121
solder	non noble metal	antimony	7440-36-0	0.135	0.01		67	
	noble metal	silver	7440-22-4	0.338	0.02		167	
	non noble metal	tin	7440-31-5	0.879	0.04	0.07	433	667
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.04	29.08	290401	290779
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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