



## Material Content Data Sheet



<b>Sales Product Name</b>		IPAW60R600CE		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001687712						
<b>Package</b>		PG-TO220-3-315		<b>Weight*</b>		1852.13 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	0.17	0.17	1654	1654
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		102	
	non noble metal	iron	7439-89-6	0.632	0.03		341	
	non noble metal	copper	7440-50-8	630.863	34.06	34.10	340614	341057
	non noble metal	aluminium	7429-90-5	0.800	0.04	0.04	432	432
wire	non noble metal	aluminium	7429-90-5	0.800	0.04	0.04	432	432
encapsulation	organic material	carbon black	1333-86-4	12.997	0.70		7017	
	plastics	epoxy resin	-	230.279	12.43		124332	
	inorganic material	silicondioxide	60676-86-0	963.583	52.03	65.16	520256	651605
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4173	4173
solder	non noble metal	antimony	7440-36-0	0.200	0.01		108	
	noble metal	silver	7440-22-4	0.500	0.03		270	
	non noble metal	tin	7440-31-5	1.299	0.07	0.11	701	1079
*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.
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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

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