



## Material Content Data Sheet



<b>Sales Product Name</b>		IPAW60R600P7S		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001994480						
<b>Package</b>		PG-TO220-3-315		<b>Weight*</b>		1843.87 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	0.09	0.09	903	903
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		103	
	non noble metal	iron	7439-89-6	0.632	0.03		343	
wire	non noble metal	copper	7440-50-8	630.863	34.21	34.25	342140	342586
	non noble metal	aluminium	7429-90-5	0.807	0.04	0.04	438	438
encapsulation	organic material	carbon black	1333-86-4	12.479	0.68		6768	
	plastics	epoxy resin	-	228.617	12.40		123987	
	inorganic material	silicondioxide	60676-86-0	959.535	52.04	65.12	520392	651147
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4192	4192
solder	non noble metal	antimony	7440-36-0	0.135	0.01		73	
	noble metal	silver	7440-22-4	0.339	0.02		184	
	non noble metal	tin	7440-31-5	0.880	0.05	0.08	477	734
*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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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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