



## Material Content Data Sheet



<b>Sales Product Name</b>		IPAW60R180P7S		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001976874						
<b>Package</b>		PG-TO220-3-315		<b>Weight*</b>		1841.04 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	4.174	0.23	0.23	2267	2267
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		103	
	non noble metal	iron	7439-89-6	0.632	0.03		343	
	non noble metal	copper	7440-50-8	630.863	34.27	34.31	342667	343113
	non noble metal	aluminium	7429-90-5	2.931	0.16	0.16	1592	1592
wire	non noble metal	aluminium	7429-90-5	2.931	0.16	0.16	1592	1592
encapsulation	organic material	carbon black	1333-86-4	14.073	0.76		7644	
	plastics	epoxy resin	-	228.747	12.42		124249	
	inorganic material	silicondioxide	60676-86-0	949.201	51.57	64.75	515581	647474
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4198	4198
solder	non noble metal	antimony	7440-36-0	0.250	0.01		136	
	noble metal	silver	7440-22-4	0.624	0.03		339	
	non noble metal	tin	7440-31-5	1.623	0.09	0.13	881	1356
*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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