



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R120P7		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001686804						
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2125.56 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	5.679	0.27	0.27	2672	2672
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		170	
	non noble metal	iron	7439-89-6	1.202	0.06		566	
	non noble metal	copper	7440-50-8	1200.685	56.48	56.56	564882	565618
	non noble metal	aluminium	7429-90-5	2.934	0.14	0.14	1380	1380
wire	non noble metal	aluminium	7429-90-5	2.934	0.14	0.14	1380	1380
encapsulation	organic material	carbon black	1333-86-4	8.992	0.42		4230	
	plastics	epoxy resin	-	145.152	6.83		68289	
	inorganic material	silicondioxide	60676-86-0	749.613	35.27	42.52	352667	425186
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3711	3711
solder	non noble metal	antimony	7440-36-0	0.305	0.01		143	
	noble metal	silver	7440-22-4	0.762	0.04		358	
	non noble metal	tin	7440-31-5	1.981	0.09	0.14	932	1433
*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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