



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R060C7		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001394020							
<b>Package</b>		PG-TO220-3-313		<b>Weight*</b>		2225.88 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	10.303	0.46	0.46	4629	4629	
leadframe	non noble metal	iron	7439-89-6	1.048	0.05		471		
	inorganic material	phosphorus	7723-14-0	0.315	0.01		141		
	non noble metal	copper	7440-50-8	1047.023	47.04	47.10	470386	470998	
wire	non noble metal	aluminium	7429-90-5	58.534	2.63	2.63	26297	26297	
encapsulation	organic material	carbon black	1333-86-4	2.273	0.10		1021		
	plastics	epoxy resin	-	206.620	9.28		92826		
	inorganic material	silicondioxide	60676-86-0	885.370	39.78	49.16	397762	491609	
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3583	3583	
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	753	753	
solder	non noble metal	antimony	7440-36-0	0.474	0.02		213		
	noble metal	silver	7440-22-4	1.186	0.05		533		
	non noble metal	tin	7440-31-5	3.083	0.14	0.21	1385	2131	
*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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