



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA80R360P7		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001634680						
<b>Package</b>		PG-TO220-3-313		<b>Weight*</b>		2169.86 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	4.140	0.19	0.19	1908	1908
leadframe	inorganic material	phosphorus	7723-14-0	0.315	0.01		145	
	non noble metal	iron	7439-89-6	1.048	0.05		483	
	non noble metal	copper	7440-50-8	1047.023	48.26	48.32	482530	483158
	non noble metal	aluminium	7429-90-5	2.960	0.14	0.14	1364	1364
wire	non noble metal	aluminium	7429-90-5	2.960	0.14	0.14	1364	1364
encapsulation	organic material	carbon black	1333-86-4	2.230	0.10		1028	
	plastics	epoxy resin	-	207.516	9.56		95636	
	inorganic material	silicondioxide	60676-86-0	892.639	41.14	50.80	411381	508045
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3630	3630
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	763	763
solder	non noble metal	antimony	7440-36-0	0.246	0.01		113	
	noble metal	silver	7440-22-4	0.615	0.03		283	
	non noble metal	tin	7440-31-5	1.598	0.07	0.11	736	1132
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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