



## Material Content Data Sheet



<b>Sales Product Name</b>		IPAN80R280P7		<b>Issued</b>		31. July 2018		
<b>MA#</b>		MA002555320						
<b>Package</b>		PG-TO220-3-320		<b>Weight*</b>		2202.28 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	5.042	0.23	0.23	2289	2289
leadframe	inorganic material	phosphorus	7723-14-0	0.345	0.02		156	
	non noble metal	iron	7439-89-6	1.149	0.05		522	
	non noble metal	copper	7440-50-8	1147.227	52.09	52.16	520928	521606
	non noble metal	aluminium	7429-90-5	0.783	0.04	0.04	355	355
wire	non noble metal	aluminium	7429-90-5	0.783	0.04	0.04	355	355
encapsulation	organic material	carbon black	1333-86-4	10.329	0.47		4690	
	plastics	epoxy resin	-	166.626	7.57		75661	
	inorganic material	silicondioxide	60676-86-0	860.811	39.09	47.13	390873	471224
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3246	3246
solder	non noble metal	antimony	7440-36-0	0.282	0.01		128	
	noble metal	silver	7440-22-4	0.705	0.03		320	
	non noble metal	tin	7440-31-5	1.832	0.08	0.12	832	1280
*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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