

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAN80R280P7	**Issued**	14. May 2021
MA#	MA002555320		
Package	PG-TO220-3-320	**Weight***	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	1,147.227	52.09	52.16	520928	521606
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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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com