

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAN80R280P7	**Issued**	02. June 2021
MA#	MA002107994		
Package	PG-TO220-3-318	**Weight***	2124.91 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	0.24	0.24	2373	2373
leadframe	inorganic material	phosphorus	7723-14-0	0.322	0.02		152	
	non noble metal	iron	7439-89-6	1.075	0.05		506	
	non noble metal	copper	7440-50-8	1,073.304	50.51	50.58	505107	505765
wire	non noble metal	aluminium	7429-90-5	0.785	0.04	0.04	369	369
encapsulation	organic material	carbon black	1333-86-4	5.568	0.26		2620	
	inorganic material	zink oxide	1314-13-2	71.800	3.38		33790	
	plastics	epoxy resin	-	103.150	4.85		48543	
	inorganic material	silicondioxide	60676-86-0	853.977	40.19	48.68	401890	486843
leadfinish	non noble metal	tin	7440-31-5	7.067	0.33	0.33	3326	3326
solder	non noble metal	antimony	7440-36-0	0.282	0.01		132	
	noble metal	silver	7440-22-4	0.704	0.03		331	
	non noble metal	tin	7440-31-5	1.830	0.09	0.13	861	1324
*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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