

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAN70R360P7S	**Issued**	22. April 2022
MA#	MA002187804		
Package	PG-TO220-3-319	**Weight***	2202.65 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	2.493	0.11	0.11	1132	1132
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	520839	521517
wire	non noble metal	aluminium	7429-90-5	0.802	0.04	0.04	364	364
encapsulation	organic material	carbon black	1333-86-4	10.396	0.47		4720	
	plastics	epoxy resin	-	166.934	7.58		75787	
	inorganic material	silicondioxide	60676-86-0	864.401	39.24	47.29	392436	472943
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3245	3245
solder	non noble metal	antimony	7440-36-0	0.176	0.01		80	
	noble metal	silver	7440-22-4	0.440	0.02		200	
	non noble metal	tin	7440-31-5	1.143	0.05	0.08	519	799
*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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