

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAN60R360PFD7S	**Issued**	15. May 2021
MA#	MA004038028		
Package	PG-TO220-3-319	**Weight***	2203.55 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	2.444	0.11	0.11	1109	1109
leadframe	inorganic material	phosphorus	7723-14-0	0.345	0.02		156	
	non noble metal	iron	7439-89-6	1.149	0.05		521	
	non noble metal	copper	7440-50-8	1,147.227	52.07	52.14	520628	521305
wire	non noble metal	aluminium	7429-90-5	3.774	0.17	0.17	1713	1713
encapsulation	organic material	carbon black	1333-86-4	10.380	0.47		4711	
	plastics	epoxy resin	-	166.564	7.56		75589	
	inorganic material	silicondioxide	60676-86-0	862.794	39.15	47.18	391548	471848
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3244	3244
solder	non noble metal	antimony	7440-36-0	0.172	0.01		78	
	noble metal	silver	7440-22-4	0.431	0.02		195	
	non noble metal	tin	7440-31-5	1.120	0.05	0.08	508	781
*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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