

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAN60R600P7S	**Issued**	26. June 2021
MA#	MA005579539		
Package	PG-TO220-3-319	**Weight***	2202.94 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	1.664	0.08	0.08	756	756
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	52.08	52.15	520772	521449
wire	non noble metal	aluminium	7429-90-5	0.972	0.04	0.04	441	441
encapsulation	organic material	carbon black	1333-86-4	10.419	0.47		4729	
	plastics	epoxy resin	-	167.039	7.58		75826	
	inorganic material	silicondioxide	60676-86-0	865.621	39.29	47.34	392940	473495
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3245	3245
solder	non noble metal	antimony	7440-36-0	0.135	0.01		61	
	noble metal	silver	7440-22-4	0.338	0.02		154	
	non noble metal	tin	7440-31-5	0.879	0.04	0.07	399	614
*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.

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