

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAW60R280P7S	**Issued**	02. June 2021
MA#	MA001994458		
Package	PG-TO220-3-315	**Weight***	1841.95 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	3.030	0.16	0.16	1645	1645
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		103	
	non noble metal	iron	7439-89-6	0.632	0.03		343	
	non noble metal	copper	7440-50-8	630.863	34.25	34.29	342497	342943
wire	non noble metal	aluminium	7429-90-5	0.794	0.04	0.04	431	431
encapsulation	organic material	carbon black	1333-86-4	13.554	0.74		7359	
	plastics	epoxy resin	-	229.045	12.43		124349	
	inorganic material	silicondioxide	60676-86-0	954.119	51.81	64.98	517993	649701
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4196	4196
solder	non noble metal	antimony	7440-36-0	0.200	0.01		108	
	noble metal	silver	7440-22-4	0.499	0.03		271	
	non noble metal	tin	7440-31-5	1.298	0.07	0.11	705	1084
*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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