

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAW60R600P7S E8228	**Issued**	25. June 2021
MA#	MA005558541		
Package	PG-TO220-3-315	**Weight***	1843.88 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	0.09	0.09	903	903
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	34.21	34.25	342138	342584
wire	non noble metal	aluminium	7429-90-5	2.161	0.12	0.12	1172	1172
encapsulation	organic material	carbon black	1333-86-4	12.639	0.69		6855	
	plastics	epoxy resin	-	228.545	12.39		123948	
	inorganic material	silicondioxide	60676-86-0	958.107	51.96	65.04	519613	650416
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4192	4192
solder	non noble metal	antimony	7440-36-0	0.135	0.01		73	
	noble metal	silver	7440-22-4	0.338	0.02		183	
	non noble metal	tin	7440-31-5	0.879	0.05	0.08	477	733
*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