

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R600P7S E8228	**Issued**	06. April 2021
MA#	MA002459986		
Package	PG-TO220-3-312	**Weight***	2055.81 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	810	810
leadframe	inorganic material	phosphorus	7723-14-0	0.285	0.01		138	
	non noble metal	iron	7439-89-6	0.949	0.05		461	
	non noble metal	copper	7440-50-8	947.445	46.07	46.13	460862	461461
wire	non noble metal	aluminium	7429-90-5	2.380	0.12	0.12	1158	1158
encapsulation	organic material	carbon black	1333-86-4	10.894	0.53		5299	
	plastics	epoxy resin	-	174.648	8.50		84954	
	inorganic material	silicondioxide	60676-86-0	905.093	44.03	53.06	440262	530515
leadfinish	non noble metal	tin	7440-31-5	11.095	0.54	0.54	5397	5397
solder	non noble metal	antimony	7440-36-0	0.135	0.01		66	
	noble metal	silver	7440-22-4	0.338	0.02		165	
	non noble metal	tin	7440-31-5	0.879	0.04	0.07	428	659
*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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