

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R210CFD7	**Issued**	06. April 2021
MA#	MA002152864		
Package	PG-TO220-3-317	**Weight***	2105.59 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	3.709	0.18	0.18	1762	1762
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		571	
	non noble metal	copper	7440-50-8	1,200.685	57.02	57.10	570237	570979
wire	non noble metal	aluminium	7429-90-5	3.678	0.17	0.17	1747	1747
encapsulation	organic material	carbon black	1333-86-4	8.823	0.42		4190	
	plastics	epoxy resin	-	142.150	6.75		67511	
	inorganic material	silicondioxide	60676-86-0	734.813	34.90	42.07	348982	420683
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3747	3747
solder	non noble metal	antimony	7440-36-0	0.228	0.01		108	
	noble metal	silver	7440-22-4	0.570	0.03		271	
	non noble metal	tin	7440-31-5	1.481	0.07	0.11	703	1082
*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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