

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA65R150CFD	**Issued**	06. April 2021
MA#	MA003135594		
Package	PG-TO220-3-313	**Weight***	2202.72 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	11.566	0.53	0.53	5251	5251
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		410	
	non noble metal	copper	7440-50-8	902.149	40.96	41.01	409560	410093
wire	non noble metal	aluminium	7429-90-5	3.515	0.16	0.16	1596	1596
encapsulation	organic material	carbon black	1333-86-4	2.348	0.11		1066	
	plastics	epoxy resin	-	212.469	9.65		96457	
	inorganic material	silicondioxide	60676-86-0	909.714	41.28	51.04	412996	510519
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3576	3576
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	752	752
solder	non noble metal	antimony	7440-36-0	0.519	0.02		236	
	noble metal	silver	7440-22-4	1.298	0.06		589	
	non noble metal	tin	7440-31-5	3.374	0.15	0.23	1532	2357
heatspreader	inorganic material	phosphorus	7723-14-0	0.044			20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.58	6.59	65770	65856
*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.
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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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