

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP65R110CFD	**Issued**	06. April 2021
MA#	MA003185278		
Package	PG-TO220-3-123	**Weight***	2032.09 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	15.501	0.76	0.76	7628	7628
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.12	40.17	401228	401751
wire	non noble metal	aluminium	7429-90-5	3.247	0.16	0.16	1598	1598
encapsulation	organic material	carbon black	1333-86-4	2.308	0.11		1136	
	plastics	epoxy resin	-	66.933	3.29		32938	
	inorganic material	silicondioxide	60676-86-0	507.771	24.99	28.39	249876	283950
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10562	10562
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	868	868
solder	non noble metal	antimony	7440-36-0	0.648	0.03		319	
	noble metal	silver	7440-22-4	1.619	0.08		797	
	non noble metal	tin	7440-31-5	4.210	0.21	0.32	2072	3188
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	29.01	29.05	290078	290455
*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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