

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI65R190CFD	**Issued**	11. April 2021
MA#	MA001805574		
Package	PG-TO262-3-22	**Weight***	1566.86 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	9.459	0.60	0.60	6037	6037
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		543	
	non noble metal	copper	7440-50-8	849.682	54.23	54.30	542284	542990
wire	non noble metal	aluminium	7429-90-5	3.157	0.20	0.20	2015	2015
encapsulation	organic material	carbon black	1333-86-4	2.303	0.15		1470	
	plastics	epoxy resin	-	66.796	4.26		42630	
	inorganic material	silicondioxide	60676-86-0	506.728	32.34	36.75	323404	367504
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9699	9699
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	non noble metal	antimony	7440-36-0	0.443	0.03		283	
	noble metal	silver	7440-22-4	1.108	0.07		707	
	non noble metal	tin	7440-31-5	2.880	0.18	0.28	1838	2828
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.78	6.79	67785	67873
*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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