

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD65R950CFD	**Issued**	06. April 2021
MA#	MA002614072		
Package	PG-TO252-3-341	**Weight***	388.25 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	2.509	0.65	0.65	6463	6463
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.02		177	
	non noble metal	iron	7439-89-6	0.229	0.06		590	
	non noble metal	copper	7440-50-8	228.946	58.97	59.05	589681	590448
wire	non noble metal	aluminium	7429-90-5	0.407	0.10	0.10	1049	1049
encapsulation	organic material	carbon black	1333-86-4	0.390	0.10		1005	
	plastics	epoxy resin	-	11.839	3.05		30493	
	inorganic material	silicondioxide	60676-86-0	117.868	30.36	33.51	303586	335084
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9633	9633
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1311	1311
solder	non noble metal	tin	7440-31-5	0.051	0.01		131	
	noble metal	silver	7440-22-4	0.064	0.02		164	
	non noble metal	lead	7439-92-1	2.430	0.63	0.66	6259	6554
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			15	
	non noble metal	iron	7439-89-6	0.019			49	
	non noble metal	copper	7440-50-8	19.177	4.94	4.94	49394	49458
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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