

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPWS65R022CFD7A	**Issued**	03. June 2021
MA#	MA005405883		
Package	PG-TO247-3-31	**Weight***	6033.02 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	35.362	0.59	0.59	5861	5861
leadframe	inorganic material	phosphorus	7723-14-0	1.203	0.02		199	
	non noble metal	iron	7439-89-6	4.011	0.07		665	
	non noble metal	copper	7440-50-8	4,005.306	66.39	66.48	663897	664761
wire	non noble metal	aluminium	7429-90-5	17.346	0.29	0.29	2875	2875
encapsulation	organic material	carbon black	1333-86-4	18.813	0.31		3118	
	plastics	epoxy resin	-	357.451	5.92		59249	
	inorganic material	silicondioxide	60676-86-0	1,505.058	24.95	31.18	249470	311837
leadfinish	non noble metal	tin	7440-31-5	13.899	0.23	0.23	2304	2304
plating	non noble metal	nickel	7440-02-0	27.981	0.46	0.46	4638	4638
solder	non noble metal	antimony	7440-36-0	1.244	0.02		206	
	noble metal	silver	7440-22-4	3.111	0.05		516	
	non noble metal	tin	7440-31-5	8.089	0.13	0.20	1341	2063
heatspreader	inorganic material	phosphorus	7723-14-0	0.010			2	
	non noble metal	iron	7439-89-6	0.034			6	
	non noble metal	copper	7440-50-8	34.104	0.57	0.57	5653	5661
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com