



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPWS65R035CFD7A	Issued	16. May 2021
MA#	MA005405884		
Package	PG-TO247-3-31	Weight*	6027.23 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	21.570	0.36	0.36	3579	3579
leadframe	inorganic material	phosphorus	7723-14-0	1.203	0.02		200	
	non noble metal	iron	7439-89-6	4.011	0.07		665	
	non noble metal	copper	7440-50-8	4,005.306	66.47	66.56	664536	665401
wire	non noble metal	aluminium	7429-90-5	16.404	0.27	0.27	2722	2722
encapsulation	organic material	carbon black	1333-86-4	18.944	0.31		3143	
	plastics	epoxy resin	-	359.930	5.97		59717	
	inorganic material	silicondioxide	60676-86-0	1,515.495	25.14	31.42	251441	314301
leadfinish	non noble metal	tin	7440-31-5	13.899	0.23	0.23	2306	2306
plating	non noble metal	nickel	7440-02-0	27.981	0.46	0.46	4642	4642
solder	non noble metal	antimony	7440-36-0	0.833	0.01		138	
	noble metal	silver	7440-22-4	2.083	0.03		346	
	non noble metal	tin	7440-31-5	5.417	0.09	0.13	899	1383
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	5658	5666
*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