



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPW65R075CFD7A	Issued	17. February 2022
MA#	MA005342280		
Package	PG-TO247-3-41	Weight*	6052.49 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	10.687	0.18	0.18	1766	1766
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87413	87527
wire	non noble metal	aluminium	7429-90-5	11.535	0.19	0.19	1906	1906
encapsulation	organic material	carbon black	1333-86-4	19.922	0.33		3292	
	plastics	epoxy resin	-	378.526	6.25		62540	
	inorganic material	silicondioxide	60676-86-0	1,593.795	26.33	32.91	263328	329160
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5266	5266
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802
solder	non noble metal	antimony	7440-36-0	0.485	0.01		80	
	noble metal	silver	7440-22-4	1.212	0.02		200	
	non noble metal	tin	7440-31-5	3.152	0.05	0.08	521	801
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3,438.006	56.80	56.88	568032	568772
*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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