



Material Content Data Sheet



Sales Product Name	IPP65R041CFD7	Issued	25. June 2021
MA#	MA005565619		
Package	PG-TO220-3-321	Weight*	1931.14 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	15.501	0.80	0.80	8027	8027
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		753	
	non noble metal	copper	7440-50-8	1,452.764	75.24	75.34	752285	753264
wire	non noble metal	aluminium	7429-90-5	9.689	0.50	0.50	5017	5017
encapsulation	organic material	carbon black	1333-86-4	2.186	0.11		1132	
	inorganic material	zinc borate	-	41.541	2.15		21511	
	plastics	epoxy resin	-	87.454	4.53		45287	
	inorganic material	silicondioxide	60676-86-0	306.090	15.85	22.64	158503	226433
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3905	3905
solder	non noble metal	antimony	7440-36-0	0.648	0.03		335	
	noble metal	silver	7440-22-4	1.619	0.08		839	
	non noble metal	tin	7440-31-5	4.210	0.22	0.33	2180	3354
*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