



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	XMC1302-Q024F0032 AB	<b>Issued</b>	03. April 2021
<b>MA#</b>	MA001659078		
<b>Package</b>	PG-VQFN-24-19	<b>Weight*</b>	42.45 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	1.634	3.85	3.85	38504	38504
leadframe	inorganic material	phosphorus	7723-14-0	0.005	0.01		125	
	non noble metal	zinc	7440-66-6	0.021	0.05		499	
	non noble metal	iron	7439-89-6	0.423	1.00		9971	
	non noble metal	copper	7440-50-8	17.185	40.49	41.55	404876	415471
wires	noble metal	palladium	7440-05-3	0.001			34	
	non noble metal	copper	7440-50-8	0.142	0.33	0.33	3346	3380
encapsulation	organic material	carbon black	1333-86-4	0.065	0.15		1540	
	plastics	epoxy resin	-	3.422	8.06		80614	
	inorganic material	silicondioxide	60676-86-0	18.307	43.15	51.36	431310	513464
leadfinish	noble metal	palladium	7440-05-3	0.000			4	
	noble metal	silver	7440-22-4	0.000			4	
	noble metal	gold	7440-57-5	0.000			6	
	non noble metal	nickel	7440-02-0	0.277	0.65	0.65	6534	6548
plating	noble metal	silver	7440-22-4	0.000			4	
	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	gold	7440-57-5	0.000			8	
	non noble metal	nickel	7440-02-0	0.347	0.82	0.82	8184	8201
glue	plastics	bismaleimide resin	-	0.123	0.29		2886	
	noble metal	silver	7440-22-4	0.490	1.15	1.44	11546	14432
*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