



Material Content Data Sheet



Halogen-Free

Sales Product Name	XMC1402-Q064X0064 AA	Issued	10. May 2021
MA#	MA001507642		
Package	PG-VQFN-64-6	Weight*	159.83 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	1.928	1.21	1.21	12065	12065
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		110	
	non noble metal	zinc	7440-66-6	0.070	0.04		441	
	non noble metal	iron	7439-89-6	1.408	0.88		8812	
	non noble metal	copper	7440-50-8	57.187	35.78	36.71	357799	367162
wires	noble metal	palladium	7440-05-3	0.005			32	
	non noble metal	copper	7440-50-8	0.509	0.32	0.32	3187	3219
encapsulation	organic material	carbon black	1333-86-4	0.287	0.18		1798	
	plastics	epoxy resin	-	15.043	9.41		94120	
	inorganic material	silicondioxide	60676-86-0	80.487	50.38	59.97	503572	599490
leadfinish	noble metal	silver	7440-22-4	0.000			2	
	noble metal	palladium	7440-05-3	0.000			3	
	noble metal	gold	7440-57-5	0.001			5	
	non noble metal	nickel	7440-02-0	0.724	0.45	0.45	4530	4540
plating	noble metal	palladium	7440-05-3	0.001			5	
	noble metal	silver	7440-22-4	0.001			5	
	noble metal	gold	7440-57-5	0.001			8	
	non noble metal	nickel	7440-02-0	1.351	0.84	0.84	8450	8468
glue	plastics	epoxy resin	-	0.129	0.08		809	
	noble metal	silver	7440-22-4	0.679	0.42	0.50	4247	5056
*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