

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XMC1402-F064X0128 AA	**Issued**	02. June 2021
MA#	MA001508092		
Package	PG-LQFP-64-26	**Weight***	362.04 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	2.892	0.80	0.80	7990	7990
leadframe	inorganic material	phosphorus	7723-14-0	0.031	0.01		85	
	non noble metal	zinc	7440-66-6	0.123	0.03		340	
	non noble metal	iron	7439-89-6	2.465	0.68		6807	
	non noble metal	copper	7440-50-8	100.070	27.64	28.36	276410	283642
wires	noble metal	palladium	7440-05-3	0.006			16	
	non noble metal	copper	7440-50-8	0.563	0.16	0.16	1555	1571
encapsulation	organic material	carbon black	1333-86-4	0.751	0.21		2073	
	plastics	epoxy resin	-	29.273	8.09		80856	
	inorganic material	silicondioxide	60676-86-0	220.171	60.80	69.10	608148	691077
leadfinish	non noble metal	tin	7440-31-5	4.118	1.14	1.14	11374	11374
plating	noble metal	silver	7440-22-4	0.434	0.12	0.12	1199	1199
glue	plastics	epoxy resin	-	0.285	0.08		787	
	noble metal	silver	7440-22-4	0.854	0.24	0.32	2360	3147
*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.

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