

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XMC1404-F064X0064 AA	**Issued**	14. September 2018
MA#	MA001508088		
Package	PG-LQFP-64-26	**Weight***	362.03 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		6808	
	non noble metal	copper	7440-50-8	100.070	27.64	28.36	276413	283646
wires	noble metal	palladium	7440-05-3	0.006	0.00		16	
	non noble metal	copper	7440-50-8	0.559	0.15	0.15	1543	1559
encapsulation	organic material	carbon black	1333-86-4	0.751	0.21		2073	
	plastics	epoxy resin	-	29.273	8.09		80857	
	inorganic material	silicondioxide	60676-86-0	220.171	60.81	69.11	608155	691085
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.
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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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