



Material Content Data Sheet



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		
wires	non noble metal	copper	7440-50-8	100.070	27.64	28.36	276413	283646	
	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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