



Material Content Data Sheet



Sales Product Name		SAX-XC878CM-16FFA 5V AC		Issued		26. September 2017		
MA#		MA000879280						
Package		PG-LQFP-64-5		Weight*		374.09 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	10.632	2.84	2.84	28420	28420
leadframe	non noble metal	magnesium	7439-95-4	0.172	0.05		459	
	inorganic material	silicon	7440-21-3	0.743	0.20		1987	
	non noble metal	nickel	7440-02-0	3.431	0.92		9171	
	non noble metal	copper	7440-50-8	110.016	29.41	30.58	294092	305709
wire	noble metal	gold	7440-57-5	2.078	0.56	0.56	5554	5554
encapsulation	organic material	carbon black	1333-86-4	1.194	0.32		3191	
	plastics	epoxy resin	-	32.228	8.62		86153	
	inorganic material	silicondioxide	60676-86-0	205.307	54.87	63.81	548824	638168
leadfinish	non noble metal	tin	7440-31-5	4.118	1.10	1.10	11007	11007
plating	noble metal	silver	7440-22-4	1.663	0.44	0.44	4446	4446
glue	plastics	epoxy resin	-	0.626	0.17		1674	
	noble metal	silver	7440-22-4	1.879	0.50	0.67	5022	6696
*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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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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