



Material Content Data Sheet



Sales Product Name				SAK-XC2785X-104F80LR AB		Issued		19. January 2018	
MA#				MA001730386					
Package				PG-LQFP-144-23		Weight*		1437.23 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	38.601	2.69	2.69	26858	26858	
leadframe	inorganic material	phosphorus	7723-14-0	0.110	0.01		77		
	non noble metal	zinc	7440-66-6	0.442	0.03		307		
	non noble metal	iron	7439-89-6	8.832	0.61		6145		
wire	non noble metal	copper	7440-50-8	358.600	24.95	25.60	249507	256036	
	noble metal	palladium	7440-05-3	0.028	0.00		20		
	non noble metal	copper	7440-50-8	2.803	0.20	0.20	1950	1970	
encapsulation	organic material	carbon black	1333-86-4	4.954	0.34		3447		
	plastics	epoxy resin	-	133.749	9.31		93060		
	inorganic material	silicondioxide	60676-86-0	852.032	59.28	68.93	592827	689334	
leadfinish	noble metal	silver	7440-22-4	0.002	0.00		1		
	noble metal	palladium	7440-05-3	0.002	0.00		2		
	noble metal	gold	7440-57-5	0.004	0.00		3		
	non noble metal	nickel	7440-02-0	3.940	0.27	0.27	2741	2747	
plating	noble metal	silver	7440-22-4	0.012	0.00		9		
	noble metal	palladium	7440-05-3	0.014	0.00		10		
	noble metal	gold	7440-57-5	0.023	0.00		16		
	non noble metal	nickel	7440-02-0	22.931	1.60	1.60	15955	15990	
glue	plastics	epoxy resin	-	2.539	0.18		1766		
	noble metal	silver	7440-22-4	7.616	0.53	0.71	5299	7065	
*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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