



Material Content Data Sheet



Sales Product Name				SAK-XC2365A-104F80LR AB		Issued		19. January 2018	
MA#				MA001502044					
Package				PG-LQFP-100-15		Weight*		748.95 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	5.15	5.15	51540	51540	
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		91		
	non noble metal	zinc	7440-66-6	0.273	0.04		364		
	non noble metal	iron	7439-89-6	5.459	0.73		7288		
wire	non noble metal	copper	7440-50-8	221.639	29.59	30.37	295932	303675	
	noble metal	palladium	7440-05-3	0.020	0.00		27		
	non noble metal	copper	7440-50-8	2.018	0.27	0.27	2694	2721	
encapsulation	organic material	carbon black	1333-86-4	2.287	0.31		3053		
	plastics	epoxy resin	-	61.736	8.24		82430		
	inorganic material	silicondioxide	60676-86-0	393.281	52.51	61.06	525108	610591	
leadfinish	noble metal	palladium	7440-05-3	0.002	0.00		2		
	noble metal	silver	7440-22-4	0.001	0.00		2		
	noble metal	gold	7440-57-5	0.003	0.00		4		
	non noble metal	nickel	7440-02-0	2.734	0.37	0.37	3651	3659	
plating	noble metal	silver	7440-22-4	0.006	0.00		8		
	noble metal	gold	7440-57-5	0.011	0.00		14		
	noble metal	palladium	7440-05-3	0.007	0.00		9		
	non noble metal	nickel	7440-02-0	10.653	1.42	1.42	14224	14255	
glue	plastics	epoxy resin	-	2.539	0.34		3390		
	noble metal	silver	7440-22-4	7.616	1.02	1.36	10169	13559	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com