



Material Content Data Sheet



Sales Product Name		SAK-XC2289H-200F100L AB		Issued		22. January 2018			
MA#		MA001875634							
Package		PG-LQFP-144-13		Weight*		1466.22 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	71.686	4.89	4.89	48892	48892	
leadframe	inorganic material	phosphorus	7723-14-0	0.122	0.01		83		
		non noble metal	zinc	7440-66-6	0.489	0.03		334	
		non noble metal	iron	7439-89-6	9.785	0.67		6674	
wire	noble metal	non noble metal	copper	7440-50-8	397.309	27.10	27.81	270974	278065
		noble metal	gold	7440-57-5	4.279	0.29	0.29	2918	2918
		organic material	carbon black	1333-86-4	4.780	0.33		3260	
encapsulation	plastics	epoxy resin	-	129.049	8.80		88015		
		inorganic material	silicondioxide	60676-86-0	822.092	56.06	65.19	560688	651963
leadfinish	non noble metal	tin	7440-31-5	9.120	0.62	0.62	6220	6220	
plating	noble metal	silver	7440-22-4	3.110	0.21	0.21	2121	2121	
glue	plastics	epoxy resin	-	3.600	0.25		2455		
		noble metal	silver	7440-22-4	10.800	0.74	0.99	7366	9821
*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

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