

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XE167FH-200F100L AB	**Issued**	08. April 2022
MA#	MA004441418		
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	
	non noble metal	copper	7440-50-8	397.309	27.10	27.81	270974	278065
wire	noble metal	gold	7440-57-5	4.279	0.29	0.29	2918	2918
encapsulation	organic material	carbon black	1333-86-4	4.780	0.33		3260	
	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.
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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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