

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XC2299H-200F100L AB	**Issued**	11. August 2021
MA#	MA005408287		
Package	PG-LQFP-176-12	**Weight***	2017.17 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	3.55	3.55	35538	35538
leadframe	inorganic material	phosphorus	7723-14-0	0.149	0.01		74	
	non noble metal	zinc	7440-66-6	0.594	0.03		295	
	non noble metal	iron	7439-89-6	11.887	0.59		5893	
	non noble metal	copper	7440-50-8	482.643	23.93	24.56	239268	245530
wire	noble metal	gold	7440-57-5	4.995	0.25	0.25	2476	2476
encapsulation	organic material	carbon black	1333-86-4	7.063	0.35		3502	
	plastics	epoxy resin	-	190.712	9.45		94544	
	inorganic material	silicondioxide	60676-86-0	1,214.905	60.22	70.02	602282	700328
leadfinish	non noble metal	tin	7440-31-5	15.144	0.75	0.75	7507	7507
plating	noble metal	silver	7440-22-4	2.988	0.15	0.15	1482	1482
glue	plastics	epoxy resin	-	3.600	0.18		1785	
	noble metal	silver	7440-22-4	10.800	0.54	0.72	5354	7139
*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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