

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XC2387A-104F80LR AB	**Issued**	07. April 2021
MA#	MA004396788		
Package	PG-LQFP-144-23	**Weight***	1437.26 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	26857	26857
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	
	non noble metal	copper	7440-50-8	358.600	24.95	25.60	249502	256031
wires	noble metal	palladium	7440-05-3	0.029			20	
	non noble metal	copper	7440-50-8	2.838	0.20	0.20	1974	1994
encapsulation	organic material	carbon black	1333-86-4	4.954	0.34		3447	
	plastics	epoxy resin	-	133.748	9.31		93058	
	inorganic material	silicondioxide	60676-86-0	852.025	59.28	68.93	592811	689316
leadfinish	noble metal	silver	7440-22-4	0.002			1	
	noble metal	palladium	7440-05-3	0.002			2	
	noble metal	gold	7440-57-5	0.004			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			9	
	noble metal	palladium	7440-05-3	0.014			10	
	noble metal	gold	7440-57-5	0.023			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.
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 Neubiberg
Internet	www.infineon.com