

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC1724N-192F80HR AC	**Issued**	02. April 2021
MA#	MA001620918		
Package	PG-LQFP-144-23	**Weight***	1426.01 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	57.220	4.01	4.01	40126	40126
leadframe	inorganic material	phosphorus	7723-14-0	0.110	0.01		77	
	non noble metal	zinc	7440-66-6	0.442	0.03		310	
	non noble metal	iron	7439-89-6	8.832	0.62		6193	
	non noble metal	copper	7440-50-8	358.600	25.15	25.81	251471	258051
wires	noble metal	palladium	7440-05-3	0.027			19	
	non noble metal	copper	7440-50-8	2.658	0.19	0.19	1864	1883
encapsulation	organic material	carbon black	1333-86-4	4.889	0.34		3429	
	plastics	epoxy resin	-	132.015	9.26		92576	
	inorganic material	silicondioxide	60676-86-0	840.983	58.96	68.56	589747	685752
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	0.28	0.28	2763	2769
plating	noble metal	silver	7440-22-4	0.097	0.01		68	
	noble metal	palladium	7440-05-3	0.111	0.01		78	
	noble metal	gold	7440-57-5	0.178	0.01		125	
	non noble metal	nickel	7440-02-0	3.244	0.23	0.26	2275	2546
glue	plastics	epoxy resin	-	3.163	0.22		2218	
	noble metal	silver	7440-22-4	9.490	0.67	0.89	6655	8873
*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