

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC264D-40F200N BC	**Issued**	10. June 2021
MA#	MA005562316		
Package	PG-LQFP-144-22	**Weight***	1390.37 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	44.943	3.23	3.23	32324	32324
leadframe	inorganic material	phosphorus	7723-14-0	0.094	0.01		68	
	non noble metal	zinc	7440-66-6	0.377	0.03		271	
	non noble metal	iron	7439-89-6	7.550	0.54		5430	
	non noble metal	copper	7440-50-8	306.542	22.05	22.63	220475	226244
wires	noble metal	gold	7440-57-5	0.003			2	
	noble metal	palladium	7440-05-3	0.062			45	
	non noble metal	copper	7440-50-8	2.769	0.20	0.20	1992	2039
encapsulation	organic material	carbon black	1333-86-4	2.982	0.21		2144	
	plastics	epoxy resin	-	126.219	9.08		90781	
	inorganic material	silicondioxide	60676-86-0	864.648	62.20	71.49	621884	714809
leadfinish	noble metal	silver	7440-22-4	0.003			2	
	noble metal	palladium	7440-05-3	0.004			3	
	noble metal	gold	7440-57-5	0.006			4	
	non noble metal	nickel	7440-02-0	6.242	0.45	0.45	4490	4499
plating	noble metal	silver	7440-22-4	0.010			7	
	noble metal	palladium	7440-05-3	0.012			8	
	noble metal	gold	7440-57-5	0.019			14	
	non noble metal	nickel	7440-02-0	18.963	1.36	1.36	13639	13668
glue	plastics	epoxy resin	-	1.963	0.14		1412	
	noble metal	silver	7440-22-4	6.959	0.50	0.64	5005	6417
*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