

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC234LC-24F133F AC	**Issued**	08. April 2022
MA#	MA003773022		
Package	PG-TQFP-144-27	**Weight***	699.44 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	23.351	3.34	3.34	33385	33385
leadframe	inorganic material	phosphorus	7723-14-0	0.066	0.01		95	
	non noble metal	zinc	7440-66-6	0.265	0.04		379	
	non noble metal	iron	7439-89-6	5.302	0.76		7580	
	non noble metal	copper	7440-50-8	215.278	30.78	31.59	307786	315840
wires	noble metal	palladium	7440-05-3	0.019			27	
	non noble metal	copper	7440-50-8	1.860	0.27	0.27	2659	2686
encapsulation	organic material	carbon black	1333-86-4	1.328	0.19		1899	
	plastics	epoxy resin	-	56.224	8.04		80384	
	inorganic material	silicondioxide	60676-86-0	385.155	55.07	63.30	550658	632941
leadfinish	noble metal	palladium	7440-05-3	0.003			4	
	noble metal	silver	7440-22-4	0.003			4	
	noble metal	gold	7440-57-5	0.005			7	
	non noble metal	nickel	7440-02-0	4.713	0.67	0.67	6739	6754
plating	noble metal	palladium	7440-05-3	0.000			1	
	noble metal	silver	7440-22-4	0.000			1	
	noble metal	gold	7440-57-5	0.000			1	
	non noble metal	nickel	7440-02-0	0.366	0.05	0.05	523	526
glue	plastics	epoxy resin	-	1.211	0.17		1731	
	noble metal	silver	7440-22-4	4.292	0.61	0.78	6137	7868
*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