

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9243QK	**Issued**	08. April 2022
MA#	MA005542569		
Package	PG-LQFP-64-28	**Weight***	358.64 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	18.994	5.30	5.30	52961	52961
leadframe	inorganic material	phosphorus	7723-14-0	0.028	0.01		77	
	non noble metal	zinc	7440-66-6	0.110	0.03		308	
	non noble metal	iron	7439-89-6	2.206	0.62		6150	
	non noble metal	copper	7440-50-8	89.560	24.97	25.63	249722	256257
wires	noble metal	palladium	7440-05-3	0.012			33	
	non noble metal	copper	7440-50-8	1.175	0.33	0.33	3275	3308
encapsulation	organic material	carbon black	1333-86-4	0.703	0.20		1960	
	plastics	epoxy resin	-	29.754	8.30		82964	
	inorganic material	silicondioxide	60676-86-0	203.828	56.83	65.33	568337	653261
leadfinish	noble metal	palladium	7440-05-3	0.001			3	
	noble metal	silver	7440-22-4	0.001			3	
	noble metal	gold	7440-57-5	0.002			5	
	non noble metal	nickel	7440-02-0	1.685	0.47	0.47	4699	4710
plating	noble metal	silver	7440-22-4	0.003			8	
	noble metal	palladium	7440-05-3	0.003			9	
	noble metal	gold	7440-57-5	0.005			14	
	non noble metal	nickel	7440-02-0	5.132	1.43	1.43	14309	14340
glue	plastics	epoxy resin	-	1.196	0.33		3336	
	noble metal	silver	7440-22-4	4.242	1.18	1.51	11827	15163
*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