

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9273QX	**Issued**	07. April 2021
MA#	MA004737224		
Package	PG-VQFN-48-31	**Weight***	129.77 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	3.989	3.07	3.07	30738	30738
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		138	
	non noble metal	zinc	7440-66-6	0.072	0.06		552	
	non noble metal	iron	7439-89-6	1.433	1.10		11044	
	non noble metal	copper	7440-50-8	58.193	44.85	46.02	448418	460152
wire	non noble metal	copper	7440-50-8	0.609	0.47	0.47	4689	4689
encapsulation	organic material	carbon black	1333-86-4	0.184	0.14		1414	
	plastics	epoxy resin	-	7.770	5.99		59872	
	inorganic material	silicondioxide	60676-86-0	53.227	41.01	47.14	410149	471435
leadfinish	non noble metal	tin	7440-31-5	2.596	2.00	2.00	20007	20007
plating	noble metal	silver	7440-22-4	0.614	0.47	0.47	4730	4730
glue	plastics	epoxy resin	-	0.246	0.19		1897	
	noble metal	silver	7440-22-4	0.824	0.64	0.83	6352	8249
*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