

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9254LC	**Issued**	08. February 2022
MA#	MA003596962		
Package	PG-TSON-14-3	**Weight***	42.08 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	1.319	3.14	3.14	31358	31358
leadframe	inorganic material	phosphorus	7723-14-0	0.005	0.01		119	
	non noble metal	zinc	7440-66-6	0.020	0.05		476	
	non noble metal	iron	7439-89-6	0.401	0.95		9518	
	non noble metal	copper	7440-50-8	16.263	38.65	39.66	386491	396604
wire	non noble metal	copper	7440-50-8	0.085	0.20	0.20	2020	2020
encapsulation	organic material	carbon black	1333-86-4	0.045	0.11		1079	
	plastics	epoxy resin	-	2.338	5.56		55560	
	inorganic material	silicondioxide	60676-86-0	20.315	48.26	53.93	482780	539419
leadfinish	non noble metal	tin	7440-31-5	0.621	1.48	1.48	14763	14763
plating	noble metal	silver	7440-22-4	0.091	0.22	0.22	2156	2156
glue	plastics	epoxy resin	-	0.144	0.34		3420	
	noble metal	silver	7440-22-4	0.432	1.03	1.37	10260	13680
*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.
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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.

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