



Material Content Data Sheet



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:

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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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