



Material Content Data Sheet



Sales Product Name	TLE9254VLC			Issued		27. November 2019		
MA#	MA003568482							
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	2021	2021
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	482779	539418
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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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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