

Material Content Data Sheet

RoHS

Sales Product Name	TLE4942-1C	**Issued**	27. April 2022
MA#	MA005730467		
Package	PG-SSO-2-4	**Weight***	169.23 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	2.458	1.45	1.45	14526	14526
leadframe	non noble metal	chromium	7440-47-3	0.288	0.17		1702	
	non noble metal	titanium	7440-32-6	0.288	0.17		1702	
	non noble metal	nickel	7440-02-0	0.384	0.23		2269	
	non noble metal	tin	7440-31-5	0.576	0.34		3403	
	non noble metal	copper	7440-50-8	94.449	55.82	56.73	558108	567184
wire	noble metal	gold	7440-57-5	0.041	0.02	0.02	243	243
encapsulation	organic material	carbon black	1333-86-4	0.459	0.27		2713	
	plastics	brominated resin	-	0.574	0.34		3392	
	inorganic material	antimonytrioxide	1309-64-4	1.148	0.68		6783	
	plastics	epoxy resin	-	10.446	6.17		61727	
	inorganic material	silicondioxide	60676-86-0	44.769	26.45	33.91	264545	339160
leadfinish	non noble metal	tin	7440-31-5	6.247	3.69	3.69	36913	36913
plating	noble metal	silver	7440-22-4	0.986	0.58	0.58	5824	5824
glue	plastics	epoxy resin	-	0.155	0.09		918	
	noble metal	silver	7440-22-4	0.621	0.37	0.46	3671	4589
smd	noble metal	palladium	7440-05-3	0.040	0.02		237	
	inorganic material	titandioxide	13463-67-7	0.099	0.06		587	
	inorganic material	bismuth trioxide	1304-76-3	0.387	0.23		2288	
	noble metal	silver	7440-22-4	0.439	0.26		2594	
	inorganic material	bariumtitanate	12047-27-7	4.375	2.59	3.16	25855	31561
*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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