

Material Content Data Sheet

RoHS

Sales Product Name	TLE4961-1L	**Issued**	07. April 2021
MA#	MA003587368		
Package	PG-SSO-3-2	**Weight***	83.42 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	0.545	0.65	0.65	6532	6532
leadframe	non noble metal	chromium	7440-47-3	0.153	0.18		1835	
	non noble metal	titanium	7440-32-6	0.153	0.18		1835	
	non noble metal	nickel	7440-02-0	0.204	0.24		2446	
	non noble metal	tin	7440-31-5	0.306	0.37		3669	
	non noble metal	copper	7440-50-8	50.200	60.19	61.16	601786	611571
wire	noble metal	gold	7440-57-5	0.030	0.04	0.04	357	357
encapsulation	organic material	carbon black	1333-86-4	0.211	0.25		2527	
	plastics	brominated resin	-	0.263	0.32		3158	
	inorganic material	antimonytrioxide	1309-64-4	0.527	0.63		6317	
	plastics	epoxy resin	-	4.795	5.75		57484	
	inorganic material	silicondioxide	60676-86-0	20.551	24.64	31.59	246358	315844
leadfinish	non noble metal	tin	7440-31-5	4.889	5.86	5.86	58610	58610
plating	noble metal	silver	7440-22-4	0.284	0.34	0.34	3409	3409
glue	plastics	epoxy resin	-	0.061	0.07		735	
	noble metal	silver	7440-22-4	0.245	0.29	0.36	2942	3677
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com