



Material Content Data Sheet



Sales Product Name	TLE4945L	Issued	28. April 2021
MA#	MA000505826		
Package	PG-SSO-3-2	Weight*	83.41 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	0.501	0.60	0.60	6006	6006
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		2447	
	non noble metal	tin	7440-31-5	0.306	0.37		3670	
	non noble metal	copper	7440-50-8	50.200	60.20	61.17	601882	611669
wire	noble metal	gold	7440-57-5	0.030	0.04	0.04	361	361
encapsulation	organic material	carbon black	1333-86-4	0.211	0.25		2531	
	plastics	brominated resin	-	0.264	0.32		3164	
	inorganic material	antimonytrioxide	1309-64-4	0.528	0.63		6328	
	plastics	epoxy resin	-	4.803	5.76		57583	
	inorganic material	silicondioxide	60676-86-0	20.583	24.68	31.64	246786	316392
leadfinish	non noble metal	tin	7440-31-5	4.889	5.86	5.86	58619	58619
plating	noble metal	silver	7440-22-4	0.284	0.34	0.34	3410	3410
glue	plastics	epoxy resin	-	0.059	0.07		709	
	noble metal	silver	7440-22-4	0.236	0.28	0.35	2834	3543
*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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