



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE4946-2L	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA005426099		
<b>Package</b>	PG-SSO-3-2	<b>Weight*</b>	88.55 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	0.563	0.64	0.64	6354	6354
leadframe	non noble metal	chromium	7440-47-3	0.153	0.17		1728	
	non noble metal	titanium	7440-32-6	0.153	0.17		1728	
	non noble metal	nickel	7440-02-0	0.204	0.23		2304	
	non noble metal	tin	7440-31-5	0.306	0.35		3457	
	non noble metal	copper	7440-50-8	50.200	56.69	57.61	566893	576110
wire	noble metal	gold	7440-57-5	0.039	0.04	0.04	440	440
encapsulation	organic material	carbon black	1333-86-4	0.210	0.24		2374	
	plastics	brominated resin	-	0.263	0.30		2968	
	inorganic material	antimonytrioxide	1309-64-4	0.526	0.59		5935	
	plastics	epoxy resin	-	4.783	5.40		54012	
	inorganic material	silicondioxide	60676-86-0	20.498	23.15	29.68	231481	296770
leadfinish	non noble metal	tin	7440-31-5	9.778	11.04	11.04	110423	110423
plating	noble metal	silver	7440-22-4	0.569	0.64	0.64	6423	6423
glue	plastics	epoxy resin	-	0.062	0.07		696	
	noble metal	silver	7440-22-4	0.247	0.28	0.35	2784	3480
*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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