

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4997E2	**Issued**	06. February 2022
MA#	MA001625628		
Package	PG-SSO-3-10	**Weight***	143.11 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	4.537	3.17	3.17	31699	31699
leadframe	inorganic material	silicon	7440-21-3	0.020	0.01		138	
	non noble metal	titanium	7440-32-6	0.099	0.07		691	
	non noble metal	chromium	7440-47-3	0.297	0.21		2073	
	non noble metal	copper	7440-50-8	98.494	68.83	69.12	688223	691125
wire	noble metal	gold	7440-57-5	0.047	0.03	0.03	326	326
encapsulation	inorganic material	zincoxide	1314-13-2	0.159	0.11		1111	
	organic material	carbon black	1333-86-4	0.318	0.22		2222	
	miscellaneous	miscellaneous	-	0.636	0.44		4443	
	plastics	epoxy resin	-	3.974	2.78		27771	
	inorganic material	silicondioxide	60676-86-0	26.708	18.66	22.21	186620	222167
leadfinish	non noble metal	tin	7440-31-5	5.779	4.04	4.04	40384	40384
plating	noble metal	silver	7440-22-4	0.604	0.42	0.42	4217	4217
glue	plastics	epoxy resin	-	0.289	0.20		2016	
	noble metal	silver	7440-22-4	1.154	0.81	1.01	8066	10082
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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