

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4999I3	**Issued**	27. April 2022
MA#	MA005716303		
Package	PG-SSO-3-12	**Weight***	141.83 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	1.043	0.74	0.74	7354	7354
leadframe	inorganic material	silicon	7440-21-3	0.020	0.01		139	
	non noble metal	titanium	7440-32-6	0.099	0.07		697	
	non noble metal	chromium	7440-47-3	0.297	0.21		2092	
	non noble metal	copper	7440-50-8	98.494	69.44	69.73	694450	697378
wire	noble metal	gold	7440-57-5	0.041	0.03	0.03	290	290
encapsulation	inorganic material	zincoxide	1314-13-2	0.175	0.12		1234	
	miscellaneous	miscellaneous	-	0.350	0.25		2469	
	organic material	carbon black	1333-86-4	0.350	0.25		2469	
	plastics	epoxy resin	-	4.027	2.84		28390	
	inorganic material	silicondioxide	60676-86-0	30.112	21.23	24.69	212309	246871
leadfinish	non noble metal	tin	7440-31-5	5.779	4.07	4.07	40749	40749
plating	noble metal	silver	7440-22-4	0.604	0.43	0.43	4256	4256
glue	plastics	epoxy resin	-	0.088	0.06		620	
	noble metal	silver	7440-22-4	0.352	0.25	0.31	2482	3102
*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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