

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4998P3	**Issued**	07. February 2022
MA#	MA001678508		
Package	PG-SSO-3-10	**Weight***	142.97 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	3.851	2.69	2.69	26940	26940
leadframe	inorganic material	silicon	7440-21-3	0.020	0.01		138	
	non noble metal	titanium	7440-32-6	0.099	0.07		692	
	non noble metal	chromium	7440-47-3	0.297	0.21		2076	
	non noble metal	copper	7440-50-8	98.494	68.91	69.20	688941	691847
wire	noble metal	gold	7440-57-5	0.047	0.03	0.03	329	329
encapsulation	inorganic material	zincoxide	1314-13-2	0.162	0.11		1135	
	organic material	carbon black	1333-86-4	0.325	0.23		2270	
	miscellaneous	miscellaneous	-	0.649	0.45		4540	
	plastics	epoxy resin	-	4.057	2.84		28375	
	inorganic material	silicondioxide	60676-86-0	27.261	19.07	22.70	190681	227001
leadfinish	non noble metal	tin	7440-31-5	5.779	4.04	4.04	40426	40426
plating	noble metal	silver	7440-22-4	0.604	0.42	0.42	4222	4222
glue	plastics	epoxy resin	-	0.264	0.18		1847	
	noble metal	silver	7440-22-4	1.056	0.74	0.92	7388	9235
*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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