

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE94106ES	**Issued**	17. May 2021
MA#	MA005418273		
Package	PG-TSDSO-24-21	**Weight***	111.70 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	2.389	2.14	2.14	21388	21388
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	zinc	7440-66-6	0.063	0.06		567	
	non noble metal	iron	7439-89-6	1.266	1.13		11331	
	non noble metal	copper	7440-50-8	51.392	46.01	47.21	460078	472118
wire	non noble metal	copper	7440-50-8	0.661	0.59	0.59	5918	5918
encapsulation	organic material	carbon black	1333-86-4	0.153	0.14		1367	
	plastics	epoxy resin	-	5.953	5.33		53296	
	inorganic material	silicondioxide	60676-86-0	44.777	40.09	45.56	400861	455524
leadfinish	non noble metal	tin	7440-31-5	2.820	2.52	2.52	25246	25246
plating	noble metal	silver	7440-22-4	1.279	1.14	1.14	11450	11450
glue	plastics	epoxy resin	-	0.163	0.15		1462	
	noble metal	silver	7440-22-4	0.770	0.69	0.84	6894	8356
*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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