

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE94104EP	**Issued**	18. August 2021
MA#	MA005544638		
Package	PG-TSDSO-14-41	**Weight***	64.94 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	1.831	2.82	2.82	28196	28196
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		143	
	non noble metal	zinc	7440-66-6	0.037	0.06		574	
	non noble metal	iron	7439-89-6	0.745	1.15		11471	
	non noble metal	copper	7440-50-8	30.247	46.57	47.79	465752	477940
wire	non noble metal	copper	7440-50-8	0.453	0.70	0.70	6968	6968
encapsulation	organic material	carbon black	1333-86-4	0.085	0.13		1311	
	plastics	epoxy resin	-	3.321	5.11		51134	
	inorganic material	silicondioxide	60676-86-0	24.977	38.46	43.70	384600	437045
leadfinish	non noble metal	tin	7440-31-5	1.642	2.53	2.53	25278	25278
plating	noble metal	silver	7440-22-4	0.823	1.27	1.27	12667	12667
glue	plastics	epoxy resin	-	0.135	0.21		2084	
	noble metal	silver	7440-22-4	0.638	0.98	1.19	9822	11906
*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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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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