

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE94004EP	**Issued**	18. August 2021
MA#	MA005544641		
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.
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.
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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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