

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS4120D0EP V50	**Issued**	23. June 2021
MA#	MA005548593		
Package	PG-TSDSO-14-5	**Weight***	64.44 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	2.632	4.08	4.08	40841	40841
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.037	0.06		579	
	non noble metal	iron	7439-89-6	0.746	1.16		11583	
	non noble metal	copper	7440-50-8	30.306	47.05	48.28	470316	482623
wire	non noble metal	copper	7440-50-8	0.261	0.40	0.40	4045	4045
encapsulation	organic material	carbon black	1333-86-4	0.083	0.13		1295	
	plastics	epoxy resin	-	3.254	5.05		50499	
	inorganic material	silicondioxide	60676-86-0	24.475	37.98	43.16	379823	431617
leadfinish	non noble metal	tin	7440-31-5	1.644	2.55	2.55	25515	25515
plating	noble metal	silver	7440-22-4	0.135	0.21	0.21	2094	2094
glue	plastics	epoxy resin	-	0.214	0.33		3316	
	noble metal	silver	7440-22-4	0.641	0.99	1.32	9949	13265
*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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