



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLF11251EP	Issued	23. June 2021
MA#	MA005548595		
Package	PG-TSDSO-14-5	Weight*	64.13 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	1.606	2.50	2.50	25041	25041
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.037	0.06		582	
	non noble metal	iron	7439-89-6	0.746	1.16		11639	
	non noble metal	copper	7440-50-8	30.306	47.28	48.51	472593	484959
wire	non noble metal	copper	7440-50-8	0.181	0.28	0.28	2820	2820
encapsulation	organic material	carbon black	1333-86-4	0.087	0.13		1349	
	plastics	epoxy resin	-	3.374	5.26		52619	
	inorganic material	silicondioxide	60676-86-0	25.379	39.58	44.97	395766	449734
leadfinish	non noble metal	tin	7440-31-5	1.644	2.56	2.56	25639	25639
plating	noble metal	silver	7440-22-4	0.135	0.21	0.21	2104	2104
glue	plastics	epoxy resin	-	0.156	0.24		2426	
	noble metal	silver	7440-22-4	0.467	0.73	0.97	7277	9703
*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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