



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLF11251EP	Issued	19. May 2021
MA#	MA005401786		
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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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com