

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9251VLE	**Issued**	24. February 2022
MA#	MA005708433		
Package	PG-TSON-8-1	**Weight***	26.86 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	0.790	2.94	2.94	29396	29396
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		110	
	non noble metal	zinc	7440-66-6	0.012	0.04		439	
	non noble metal	iron	7439-89-6	0.236	0.88		8788	
	non noble metal	copper	7440-50-8	9.586	35.68	36.61	356828	366165
wire	non noble metal	copper	7440-50-8	0.046	0.17	0.17	1730	1730
encapsulation	organic material	carbon black	1333-86-4	0.031	0.11		1142	
	plastics	epoxy resin	-	1.580	5.88		58819	
	inorganic material	silicondioxide	60676-86-0	13.730	51.12	57.11	511099	571060
leadfinish	non noble metal	tin	7440-31-5	0.382	1.42	1.42	14227	14227
plating	noble metal	silver	7440-22-4	0.043	0.16	0.16	1618	1618
glue	inorganic material	copperoxide	1317-38-0	0.011	0.04		395	
	miscellaneous	miscellaneous	-	0.013	0.05		474	
	plastics	epoxy resin	-	0.074	0.28		2766	
	noble metal	silver	7440-22-4	0.327	1.22	1.59	12169	15804
*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.

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