



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLV4968-1TB	Issued	12. August 2021
MA#	MA005584208		
Package	PG-TO92S-3-2	Weight*	125.71 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	0.350	0.28	0.28	2780	2780
leadframe	inorganic material	phosphorus	7723-14-0	0.027	0.02		217	
	non noble metal	iron	7439-89-6	0.091	0.07		724	
	non noble metal	copper	7440-50-8	90.909	72.33	72.42	723171	724112
wire	noble metal	gold	7440-57-5	0.032	0.03	0.03	252	252
encapsulation	organic material	carbon black	1333-86-4	0.142	0.11		1132	
	plastics	epoxy resin	29690-82-2	4.128	3.28		32840	
	inorganic material	silicondioxide	60676-86-0	24.200	19.25	22.64	192510	226482
leadfinish	non noble metal	tin	7440-31-5	5.498	4.37	4.37	43736	43736
plating	noble metal	silver	7440-22-4	0.153	0.12	0.12	1217	1217
glue	plastics	epoxy resin	-	0.036	0.03		284	
	noble metal	silver	7440-22-4	0.143	0.11	0.14	1137	1421
*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.
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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