

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLV4961-1TA	**Issued**	24. June 2021
MA#	MA005551820		
Package	PG-TO92S-3-1	**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	72.34	72.43	723184	724125
wire	noble metal	gold	7440-57-5	0.029	0.02	0.02	231	231
encapsulation	organic material	carbon black	1333-86-4	0.142	0.11		1132	
	plastics	epoxy resin	29690-82-2	4.128	3.28		32841	
	inorganic material	silicondioxide	60676-86-0	24.200	19.25	22.64	192515	226488
leadfinish	non noble metal	tin	7440-31-5	5.498	4.37	4.37	43737	43737
plating	noble metal	silver	7440-22-4	0.153	0.12	0.12	1218	1218
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.

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