

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLV4961-1TA	**Issued**	12. August 2021
MA#	MA005584188		
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.
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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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