



## Material Content Data Sheet



Halogen-Free

Sales Product Name	TLV4961-3TB	Issued	14. February 2022
MA#	MA005629812		
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:

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