



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLV4964-4TB	<b>Issued</b>	12. August 2021
<b>MA#</b>	MA005583639		
<b>Package</b>	PG-TO92S-3-2	<b>Weight*</b>	126.88 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	2755	2755
leadframe	inorganic material	phosphorus	7723-14-0	0.027	0.02		215	
	non noble metal	iron	7439-89-6	0.091	0.07		717	
	non noble metal	copper	7440-50-8	90.909	71.66	71.75	716513	717445
wire	noble metal	gold	7440-57-5	0.032	0.02	0.02	249	249
encapsulation	organic material	carbon black	1333-86-4	0.089	0.07		701	
	plastics	epoxy resin	-	2.727	2.15		21491	
	inorganic material	silicondioxide	60676-86-0	26.823	21.14	23.36	211411	233603
leadfinish	non noble metal	tin	7440-31-5	5.498	4.33	4.33	43334	43334
plating	noble metal	silver	7440-22-4	0.153	0.12	0.12	1206	1206
glue	plastics	epoxy resin	-	0.036	0.03		282	
	noble metal	silver	7440-22-4	0.143	0.11	0.14	1126	1408
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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