

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLV4964-4TA	**Issued**	12. August 2021
MA#	MA005583635		
Package	PG-TO92S-3-1	**Weight***	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:

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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