



## Material Content Data Sheet



<b>Sales Product Name</b>	TLV4964-4TB			<b>Issued</b>	24. January 2018			
<b>MA#</b>	MA001296430							
<b>Package</b>	PG-TO92S-3-2			<b>Weight*</b>	126.87 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	non noble metal	iron	7439-89-6	0.091	0.07		717	
	inorganic material	phosphorus	7723-14-0	0.027	0.02		215	
	non noble metal	copper	7440-50-8	90.909	71.66	71.75	716527	717459
wire	noble metal	gold	7440-57-5	0.029	0.02	0.02	229	229
encapsulation	organic material	carbon black	1333-86-4	0.089	0.07		701	
	plastics	epoxy resin	-	2.727	2.15		21492	
	inorganic material	silicondioxide	60676-86-0	26.823	21.14	23.36	211416	233609
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.
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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 München
Internet	www.infineon.com