



Material Content Data Sheet



Sales Product Name		TLV4964-5TA		Issued		21. October 2018		
MA#		MA003975764						
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	
wire	non noble metal	copper	7440-50-8	90.909	71.66	71.75	716513	717445
	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	
leadfinish	inorganic material	silicondioxide	60676-86-0	26.823	21.14	23.36	211411	233603
	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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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