

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4964-1K	**Issued**	25. March 2021
MA#	MA000934618		
Package	PG-SC59-3-5	**Weight***	13.87 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	2.52	2.52	25208	25208
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		379	
	non noble metal	chromium	7440-47-3	0.016	0.11		1138	
	non noble metal	copper	7440-50-8	5.236	37.76	37.92	377615	379208
wire	noble metal	gold	7440-57-5	0.024	0.18	0.18	1760	1760
encapsulation	organic material	carbon black	1333-86-4	0.076	0.55		5508	
	plastics	epoxy resin	-	1.642	11.84		118423	
	inorganic material	silicondioxide	60676-86-0	5.918	42.69	55.08	426872	550803
leadfinish	non noble metal	tin	7440-31-5	0.255	1.84	1.84	18409	18409
plating	noble metal	silver	7440-22-4	0.158	1.14	1.14	11361	11361
glue	plastics	epoxy resin	-	0.032	0.23		2319	
	noble metal	silver	7440-22-4	0.152	1.09	1.32	10932	13251
*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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