

Material Content Data Sheet

RoHS

Sales Product Name	TLE4946-2K	**Issued**	06. April 2021
MA#	MA001679646		
Package	PG-SC59-3-4	**Weight***	13.88 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	0.563	4.05	4.05	40540	40540
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		378	
	non noble metal	chromium	7440-47-3	0.016	0.11		1134	
	non noble metal	copper	7440-50-8	5.224	37.64	37.80	376383	377971
wire	noble metal	gold	7440-57-5	0.020	0.15	0.15	1472	1472
encapsulation	organic material	carbon black	1333-86-4	0.057	0.41		4099	
	plastics	brominated resin	-	0.071	0.51		5124	
	inorganic material	antimonytrioxide	1309-64-4	0.142	1.02		10248	
	plastics	epoxy resin	-	1.294	9.33		93257	
	inorganic material	silicondioxide	60676-86-0	5.547	39.97	51.24	399673	512401
leadfinish	non noble metal	tin	7440-31-5	0.258	1.86	1.86	18596	18596
plating	noble metal	silver	7440-22-4	0.363	2.62	2.62	26181	26181
glue	plastics	epoxy resin	-	0.055	0.40		3997	
	noble metal	silver	7440-22-4	0.262	1.88	2.28	18842	22839
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com