

Material Content Data Sheet

RoHS

Sales Product Name	TLE4913	**Issued**	24. February 2022
MA#	MA005703295		
Package	PG-SC59-3-4	**Weight***	13.91 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	0.662	4.76	4.76	47583	47583
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		75	
	non noble metal	titanium	7440-32-6	0.005	0.04		377	
	non noble metal	chromium	7440-47-3	0.016	0.11		1132	
	non noble metal	copper	7440-50-8	5.224	37.57	37.73	375658	377242
wire	noble metal	gold	7440-57-5	0.012	0.09	0.09	858	858
encapsulation	organic material	carbon black	1333-86-4	0.056	0.40		4036	
	plastics	brominated resin	-	0.070	0.50		5044	
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.01		10089	
	plastics	epoxy resin	-	1.277	9.18		91809	
	inorganic material	silicondioxide	60676-86-0	5.472	39.34	50.43	393467	504445
leadfinish	non noble metal	tin	7440-31-5	0.258	1.86	1.86	18560	18560
plating	noble metal	silver	7440-22-4	0.363	2.61	2.61	26130	26130
glue	plastics	epoxy resin	-	0.061	0.44		4407	
	noble metal	silver	7440-22-4	0.289	2.08	2.52	20775	25182
*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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