



Material Content Data Sheet



Sales Product Name	TLE4953 E0184	Issued	03. May 2021
MA#	MA000869506		
Package	PG-SSO-2-1	Weight*	139.69 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	2.522	1.81	1.81	18054	18054
leadframe	non noble metal	chromium	7440-47-3	0.309	0.22		2209	
	non noble metal	titanium	7440-32-6	0.309	0.22		2209	
	non noble metal	nickel	7440-02-0	0.411	0.29		2945	
	non noble metal	tin	7440-31-5	0.617	0.44		4417	
	non noble metal	copper	7440-50-8	101.193	72.44	73.61	724392	736172
wire	noble metal	gold	7440-57-5	0.039	0.03	0.03	281	281
encapsulation	organic material	carbon black	1333-86-4	0.201	0.14		1441	
	plastics	brominated resin	-	0.252	0.18		1801	
	inorganic material	antimonytrioxide	1309-64-4	0.503	0.36		3603	
	plastics	epoxy resin	-	4.580	3.28		32783	
	inorganic material	silicondioxide	60676-86-0	19.627	14.05	18.01	140499	180127
leadfinish	non noble metal	tin	7440-31-5	7.803	5.59	5.59	55856	55856
plating	noble metal	silver	7440-22-4	0.550	0.39	0.39	3937	3937
glue	plastics	epoxy resin	-	0.156	0.11		1115	
	noble metal	silver	7440-22-4	0.623	0.45	0.56	4458	5573
*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.

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