



Material Content Data Sheet



Sales Product Name	TLE4953C	Issued	05. February 2022
MA#	MA001976934		
Package	PG-SSO-2-4	Weight*	169.24 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	1.49	1.49	14902	14902
leadframe	non noble metal	chromium	7440-47-3	0.288	0.17		1701	
	non noble metal	titanium	7440-32-6	0.288	0.17		1701	
	non noble metal	nickel	7440-02-0	0.384	0.23		2269	
	non noble metal	tin	7440-31-5	0.576	0.34		3403	
	non noble metal	copper	7440-50-8	94.449	55.80	56.71	558071	567145
wire	noble metal	gold	7440-57-5	0.039	0.02	0.02	232	232
encapsulation	organic material	carbon black	1333-86-4	0.459	0.27		2711	
	plastics	brominated resin	-	0.573	0.34		3388	
	inorganic material	antimonytrioxide	1309-64-4	1.147	0.68		6777	
	plastics	epoxy resin	-	10.437	6.17		61666	
	inorganic material	silicondioxide	60676-86-0	44.728	26.43	33.89	264285	338827
leadfinish	non noble metal	tin	7440-31-5	6.247	3.69	3.69	36911	36911
plating	noble metal	silver	7440-22-4	0.986	0.58	0.58	5824	5824
glue	plastics	epoxy resin	-	0.156	0.09		920	
	noble metal	silver	7440-22-4	0.623	0.37	0.46	3680	4600
smd	noble metal	palladium	7440-05-3	0.040	0.02		237	
	inorganic material	titandioxide	13463-67-7	0.099	0.06		587	
	inorganic material	bismuth trioxide	1304-76-3	0.387	0.23		2288	
	noble metal	silver	7440-22-4	0.439	0.26		2594	
	inorganic material	bariumtitanate	12047-27-7	4.375	2.59	3.16	25853	31559
*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.

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