

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4943C	**Issued**	08. February 2022
MA#	MA001983802		
Package	PG-SSO-2-53	**Weight***	169.83 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	1.900	1.12	1.12	11186	11186
leadframe	non noble metal	chromium	7440-47-3	0.288	0.17		1698	
	non noble metal	titanium	7440-32-6	0.288	0.17		1698	
	non noble metal	nickel	7440-02-0	0.384	0.23		2264	
	non noble metal	tin	7440-31-5	0.577	0.34		3396	
	non noble metal	copper	7440-50-8	94.576	55.69	56.60	556901	565957
wire	noble metal	gold	7440-57-5	0.038	0.02	0.02	223	223
encapsulation	organic material	carbon black	1333-86-4	0.585	0.34		3444	
	plastics	epoxy resin	-	10.527	6.20		61987	
	inorganic material	silicondioxide	60676-86-0	47.371	27.89	34.43	278939	344370
leadfinish	non noble metal	tin	7440-31-5	6.247	3.68	3.68	36784	36784
plating	noble metal	silver	7440-22-4	1.029	0.61	0.61	6059	6059
glue	plastics	epoxy resin	-	0.133	0.08		782	
	noble metal	silver	7440-22-4	0.532	0.31	0.39	3130	3912
smd	noble metal	palladium	7440-05-3	0.040	0.02		236	
	inorganic material	titandioxide	13463-67-7	0.099	0.06		585	
	inorganic material	bismuth trioxide	1304-76-3	0.387	0.23		2280	
	noble metal	silver	7440-22-4	0.439	0.26		2585	
	inorganic material	bariumtitanate	12047-27-7	4.375	2.58	3.15	25765	31451
smd adhesive	plastics	epoxy resin	-	0.002			12	
	noble metal	silver	7440-22-4	0.008			46	58
*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