



Material Content Data Sheet



Sales Product Name	TLE42744GS V33	Issued	22. April 2022
MA#	MA000846010		
Package	PG-SOT223-4-21	Weight*	112.23 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	1.799	1.60	1.60	16026	16026
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.05		452	
	non noble metal	chromium	7440-47-3	0.152	0.14		1355	
	non noble metal	copper	7440-50-8	50.489	44.98	45.18	449883	451780
wire	noble metal	gold	7440-57-5	0.066	0.06	0.06	586	586
encapsulation	organic material	carbon black	1333-86-4	0.456	0.41		4066	
	plastics	brominated resin	-	0.570	0.51		5083	
	inorganic material	antimonytrioxide	1309-64-4	1.141	1.02		10165	
	plastics	epoxy resin	-	10.381	9.25		92502	
	inorganic material	silicondioxide	60676-86-0	44.491	39.64	50.83	396438	508254
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	13045	13045
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4571	4571
glue	plastics	epoxy resin	-	0.113	0.10		1004	
	noble metal	silver	7440-22-4	0.531	0.47	0.57	4734	5738
*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