

Material Content Data Sheet

RoHS

Sales Product Name	TLE42344G	**Issued**	27. April 2022
MA#	MA005714897		
Package	PG-SOT223-4-33	**Weight***	112.34 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	1.089	0.97	0.97	9697	9697
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	50.535	44.99	45.19	449853	451750
wire	noble metal	gold	7440-57-5	0.173	0.15	0.15	1544	1544
encapsulation	organic material	carbon black	1333-86-4	0.461	0.41		4107	
	plastics	brominated resin	-	0.577	0.51		5134	
	inorganic material	antimonytrioxide	1309-64-4	1.153	1.03		10267	
	plastics	epoxy resin	-	10.496	9.34		93431	
	inorganic material	silicondioxide	60676-86-0	44.982	40.04	51.33	400418	513357
leadfinish	non noble metal	tin	7440-31-5	1.465	1.30	1.30	13044	13044
plating	noble metal	silver	7440-22-4	0.716	0.64	0.64	6374	6374
glue	plastics	epoxy resin	-	0.083	0.07		741	
	noble metal	silver	7440-22-4	0.392	0.35	0.42	3493	4234
*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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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