

Material Content Data Sheet

RoHS

Sales Product Name	TLE42344G	**Issued**	27. April 2022
MA#	MA005714920		
Package	PG-SOT223-4-21	**Weight***	112.11 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	9717	9717
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		1357	
	non noble metal	copper	7440-50-8	50.489	45.02	45.22	450345	452244
wire	noble metal	gold	7440-57-5	0.175	0.16	0.16	1561	1561
encapsulation	organic material	carbon black	1333-86-4	0.462	0.41		4117	
	plastics	brominated resin	-	0.577	0.51		5146	
	inorganic material	antimonytrioxide	1309-64-4	1.154	1.03		10292	
	plastics	epoxy resin	-	10.500	9.37		93657	
	inorganic material	silicondioxide	60676-86-0	45.001	40.14	51.46	401388	514600
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13058	13058
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4576	4576
glue	plastics	epoxy resin	-	0.083	0.07		743	
	noble metal	silver	7440-22-4	0.392	0.35	0.42	3501	4244
*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.

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