

Material Content Data Sheet

RoHS

Sales Product Name	TLE42644G	**Issued**	27. April 2022
MA#	MA005715024		
Package	PG-SOT223-4-21	**Weight***	112.19 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	1.419	1.27	1.27	12652	12652
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		1356	
	non noble metal	copper	7440-50-8	50.489	44.99	45.19	450029	451927
wire	noble metal	gold	7440-57-5	0.151	0.13	0.13	1345	1345
encapsulation	organic material	carbon black	1333-86-4	0.459	0.41		4092	
	plastics	brominated resin	-	0.574	0.51		5115	
	inorganic material	antimonytrioxide	1309-64-4	1.148	1.02		10230	
	plastics	epoxy resin	-	10.444	9.31		93092	
	inorganic material	silicondioxide	60676-86-0	44.761	39.90	51.15	398968	511497
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	13049	13049
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4573	4573
glue	plastics	epoxy resin	-	0.097	0.09		867	
	noble metal	silver	7440-22-4	0.459	0.41	0.50	4090	4957
*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.

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