

Material Content Data Sheet

RoHS

Sales Product Name	TLE42644G	**Issued**	27. April 2022
MA#	MA005715947		
Package	PG-SOT223-4-33	**Weight***	112.42 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	1.26	1.26	12627	12627
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.05		451	
	non noble metal	chromium	7440-47-3	0.152	0.14		1354	
	non noble metal	copper	7440-50-8	50.535	44.93	45.13	449516	451411
wire	noble metal	gold	7440-57-5	0.155	0.14	0.14	1378	1378
encapsulation	organic material	carbon black	1333-86-4	0.459	0.41		4082	
	plastics	brominated resin	-	0.574	0.51		5102	
	inorganic material	antimonytrioxide	1309-64-4	1.147	1.02		10205	
	plastics	epoxy resin	-	10.440	9.29		92863	
	inorganic material	silicondioxide	60676-86-0	44.742	39.80	51.03	397982	510234
leadfinish	non noble metal	tin	7440-31-5	1.465	1.30	1.30	13034	13034
plating	noble metal	silver	7440-22-4	0.716	0.64	0.64	6369	6369
glue	plastics	epoxy resin	-	0.097	0.09		866	
	noble metal	silver	7440-22-4	0.459	0.41	0.50	4081	4947
*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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