

Material Content Data Sheet

RoHS

Sales Product Name	TLE42664G	**Issued**	22. April 2022
MA#	MA001261772		
Package	PG-SOT223-4-23	**Weight***	113.60 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	1.25	1.25	12496	12496
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		92	
	non noble metal	titanium	7440-32-6	0.052	0.05		459	
	non noble metal	chromium	7440-47-3	0.156	0.14		1376	
	non noble metal	copper	7440-50-8	51.895	45.68	45.88	456822	458749
wire	noble metal	gold	7440-57-5	0.206	0.18	0.18	1817	1817
encapsulation	organic material	carbon black	1333-86-4	0.456	0.40		4016	
	plastics	brominated resin	-	0.570	0.50		5020	
	inorganic material	antimonytrioxide	1309-64-4	1.141	1.00		10040	
	plastics	epoxy resin	-	10.379	9.14		91361	
	inorganic material	silicondioxide	60676-86-0	44.480	39.15	50.19	391547	501984
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12887	12887
plating	noble metal	silver	7440-22-4	0.815	0.72	0.72	7171	7171
glue	plastics	epoxy resin	-	0.097	0.09		857	
	noble metal	silver	7440-22-4	0.459	0.40	0.49	4039	4896
*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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