

Material Content Data Sheet

RoHS

Sales Product Name	TLE42364G	**Issued**	08. February 2022
MA#	MA005247372		
Package	PG-SOT223-4-34	**Weight***	113.12 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	0.96	0.96	9630	9630
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.052	0.05		457	
	non noble metal	chromium	7440-47-3	0.155	0.14		1372	
	non noble metal	copper	7440-50-8	51.532	45.54	45.74	455534	457454
wire	noble metal	gold	7440-57-5	0.136	0.12	0.12	1200	1200
encapsulation	organic material	carbon black	1333-86-4	0.460	0.41		4063	
	plastics	brominated resin	-	0.575	0.51		5079	
	inorganic material	antimonytrioxide	1309-64-4	1.149	1.02		10158	
	plastics	epoxy resin	-	10.456	9.24		92433	
	inorganic material	silicondioxide	60676-86-0	44.813	39.61	50.79	396142	507875
leadfinish	non noble metal	tin	7440-31-5	1.465	1.30	1.30	12953	12953
plating	noble metal	silver	7440-22-4	0.756	0.67	0.67	6683	6683
glue	plastics	epoxy resin	-	0.083	0.07		736	
	noble metal	silver	7440-22-4	0.392	0.35	0.42	3469	4205
*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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