

Material Content Data Sheet

RoHS

Sales Product Name	TLE4294G V50	**Issued**	18. August 2021
MA#	MA005562382		
Package	PG-SCT595-5-2	**Weight***	13.92 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	0.315	2.26	2.26	22603	22603
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		436	
	non noble metal	chromium	7440-47-3	0.018	0.13		1309	
	non noble metal	copper	7440-50-8	6.045	43.45	43.63	434390	436222
wire	noble metal	gold	7440-57-5	0.023	0.17	0.17	1659	1659
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3940	
	plastics	brominated resin	-	0.069	0.49		4924	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.98		9849	
	plastics	epoxy resin	-	1.247	8.96		89626	
	inorganic material	silicondioxide	60676-86-0	5.345	38.41	49.23	384110	492449
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24103	24103
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10572	10572
glue	plastics	epoxy resin	-	0.030	0.22		2169	
	noble metal	silver	7440-22-4	0.142	1.02	1.24	10223	12392
*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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