

Material Content Data Sheet

RoHS

Sales Product Name	TLE4296-2G V50	**Issued**	06. April 2021
MA#	MA002361504		
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	0.328	2.35	2.35	23532	23532
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		1308	
	non noble metal	copper	7440-50-8	6.045	43.43	43.61	434154	435985
wire	noble metal	gold	7440-57-5	0.026	0.19	0.19	1882	1882
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3930	
	plastics	brominated resin	-	0.068	0.49		4912	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.98		9824	
	plastics	epoxy resin	-	1.245	8.94		89400	
	inorganic material	silicondioxide	60676-86-0	5.335	38.31	49.11	383142	491208
leadfinish	non noble metal	tin	7440-31-5	0.335	2.41	2.41	24090	24090
plating	noble metal	silver	7440-22-4	0.147	1.06	1.06	10566	10566
glue	plastics	epoxy resin	-	0.031	0.22		2229	
	noble metal	silver	7440-22-4	0.146	1.05	1.27	10508	12737
*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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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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