



Material Content Data Sheet



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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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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