



Material Content Data Sheet



Sales Product Name		TLE4294G V50		Issued		25. September 2017		
MA#		MA000371079						
Package		PG-SCT595-5-1		Weight*		13.90 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	22636	22636
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		435	
	non noble metal	chromium	7440-47-3	0.018	0.13		1305	
	non noble metal	copper	7440-50-8	6.019	43.34	43.52	433145	434972
wire	noble metal	gold	7440-57-5	0.024	0.17	0.17	1720	1720
encapsulation	organic material	carbon black	1333-86-4	0.055	0.39		3949	
	plastics	brominated resin	-	0.069	0.49		4936	
	inorganic material	antimonytrioxide	1309-64-4	0.137	0.99		9873	
	plastics	epoxy resin	-	1.248	8.98		89842	
	inorganic material	silicondioxide	60676-86-0	5.351	38.50	49.35	385039	493639
leadfinish	non noble metal	tin	7440-31-5	0.340	2.44	2.44	24440	24440
plating	noble metal	silver	7440-22-4	0.142	1.02	1.02	10183	10183
glue	plastics	epoxy resin	-	0.030	0.22		2172	
	noble metal	silver	7440-22-4	0.142	1.02	1.24	10238	12410
*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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