



Material Content Data Sheet



Sales Product Name		TLE4274GS V33		Issued		25. September 2017		
MA#		MA000839002						
Package		PG-SOT223-4-21		Weight*		112.13 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	1.163	1.04	1.04	10369	10369
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.05		452	
	non noble metal	chromium	7440-47-3	0.152	0.14		1357	
	non noble metal	copper	7440-50-8	50.489	45.01	45.21	450291	452190
wire	noble metal	gold	7440-57-5	0.213	0.19	0.19	1899	1899
encapsulation	organic material	carbon black	1333-86-4	0.461	0.41		4115	
	plastics	brominated resin	-	0.577	0.51		5143	
	inorganic material	antimonytrioxide	1309-64-4	1.153	1.03		10286	
	plastics	epoxy resin	-	10.496	9.36		93605	
	inorganic material	silicondioxide	60676-86-0	44.981	40.12	51.43	401166	514315
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13057	13057
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4575	4575
glue	plastics	epoxy resin	-	0.071	0.06		629	
	noble metal	silver	7440-22-4	0.333	0.30	0.36	2966	3595
*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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