



Material Content Data Sheet



Sales Product Name		TLE42744GS V33		Issued		20. July 2018			
MA#		MA000846010							
Package		PG-SOT223-4-21		Weight*		112.17 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	1.799	1.60	1.60	16035	16035	
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		1356		
	non noble metal	copper	7440-50-8	50.489	44.99	45.19	450120	452018	
encapsulation	organic material	carbon black	1333-86-4	0.456	0.41		4069		
	plastics	brominated resin	-	0.570	0.51		5086		
	inorganic material	antimonytrioxide	1309-64-4	1.141	1.02		10172		
	plastics	epoxy resin	-	10.382	9.26		92561		
	inorganic material	silicondioxide	60676-86-0	44.496	39.67	50.87	396692	508580	
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13052	13052	
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4573	4573	
glue	plastics	epoxy resin	-	0.113	0.10		1005		
	noble metal	silver	7440-22-4	0.531	0.47	0.57	4737	5742	
*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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