



Material Content Data Sheet



Sales Product Name		TLE7714G		Issued		1. August 2018			
MA#		MA001356014							
Package		PG-DSO-52-4		Weight*		869.08 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	inorganic material	silicon	7440-21-3	9.350	1.08	1.08	10758	10758	
chip_2	inorganic material	silicon	7440-21-3	7.850	0.90	0.90	9033	9033	
leadframe	inorganic material	phosphorus	7723-14-0	0.073	0.01		84		
	non noble metal	zinc	7440-66-6	0.293	0.03		337		
	non noble metal	iron	7439-89-6	5.854	0.67		6736		
wire	non noble metal	copper	7440-50-8	237.701	27.35	28.06	273508	280665	
	noble metal	gold	7440-57-5	2.311	0.27	0.27	2659	2659	
	encapsulation	organic material	carbon black	1333-86-4	1.183	0.14		1361	
encapsulation	plastics	epoxy resin	-	54.413	6.26		62610		
	inorganic material	silicondioxide	60676-86-0	535.854	61.65	68.05	616573	680544	
leadfinish	non noble metal	tin	7440-31-5	7.508	0.86	0.86	8639	8639	
plating	noble metal	silver	7440-22-4	0.935	0.11	0.11	1075	1075	
glue	plastics	epoxy resin	-	1.440	0.17		1657		
	noble metal	silver	7440-22-4	4.319	0.50	0.67	4970	6627	
*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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