



Material Content Data Sheet



Sales Product Name		TLE42794GM		Issued		2. August 2018		
MA#		MA000970074						
Package		PG-DSO-14-30		Weight*		143.03 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	2.391	1.67	1.67	16716	16716
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		422	
	non noble metal	iron	7439-89-6	1.207	0.84		8438	
wire	non noble metal	copper	7440-50-8	49.007	34.26	35.15	342636	351601
	noble metal	gold	7440-57-5	0.227	0.16	0.16	1590	1590
	encapsulation	organic material	carbon black	1333-86-4	0.173	0.12		1211
plastics		epoxy resin	-	7.967	5.57		55703	
	inorganic material	silicondioxide	60676-86-0	78.459	54.87	60.56	548550	605464
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8573	8573
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7200	7200
glue	plastics	acrylic resin	-	0.279	0.19		1948	
	noble metal	silver	7440-22-4	0.988	0.69	0.88	6908	8856
*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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