



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE42994GM	Issued	04. April 2021
MA#	MA001718808		
Package	PG-DSO-14-61	Weight*	142.30 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	1.695	1.19	1.19	11910	11910
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		108	
	non noble metal	zinc	7440-66-6	0.061	0.04		432	
	non noble metal	iron	7439-89-6	1.229	0.86		8636	
	non noble metal	copper	7440-50-8	49.897	35.06	35.97	350645	359821
wires	noble metal	palladium	7440-05-3	0.001			10	
	non noble metal	copper	7440-50-8	0.136	0.10	0.10	956	966
encapsulation	organic material	carbon black	1333-86-4	0.256	0.18		1799	
	plastics	epoxy resin	-	9.983	7.02		70156	
	inorganic material	silicondioxide	60676-86-0	75.087	52.76	59.96	527669	599624
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		144	
	noble metal	gold	7440-57-5	0.033	0.02		231	
	non noble metal	nickel	7440-02-0	0.719	0.51	0.54	5055	5430
plating	noble metal	palladium	7440-05-3	0.066	0.05		467	
	noble metal	gold	7440-57-5	0.107	0.08		750	
	non noble metal	nickel	7440-02-0	2.338	1.64	1.77	16429	17646
glue	plastics	epoxy resin	-	0.164	0.12		1151	
	noble metal	silver	7440-22-4	0.491	0.35	0.47	3452	4603
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com