



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE4206-2G	Issued	14. April 2021
MA#	MA005345367		
Package	PG-DSO-14-60	Weight*	143.51 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	3.173	2.21	2.21	22112	22112
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		109	
	non noble metal	zinc	7440-66-6	0.063	0.04		437	
	non noble metal	iron	7439-89-6	1.254	0.87		8741	
	non noble metal	copper	7440-50-8	50.931	35.49	36.41	354901	364188
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.103	0.07	0.07	721	728
encapsulation	organic material	carbon black	1333-86-4	0.251	0.17		1749	
	plastics	epoxy resin	-	9.788	6.82		68203	
	inorganic material	silicondioxide	60676-86-0	73.617	51.32	58.31	512978	582930
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		142	
	noble metal	gold	7440-57-5	0.033	0.02		229	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	5013	5384
plating	noble metal	palladium	7440-05-3	0.069	0.05		480	
	noble metal	gold	7440-57-5	0.111	0.08		772	
	non noble metal	nickel	7440-02-0	2.425	1.69	1.82	16901	18153
glue	plastics	epoxy resin	-	0.233	0.16		1626	
	noble metal	silver	7440-22-4	0.700	0.49	0.65	4879	6505
*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