



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE5014C16	Issued	10. July 2021
MA#	MA005426282		
Package	PG-TDSO-16-1	Weight*	67.93 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	1.061	1.56	1.56	15622	15622
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		96	
	non noble metal	titanium	7440-32-6	0.033	0.05		479	
	non noble metal	chromium	7440-47-3	0.098	0.14		1436	
	non noble metal	copper	7440-50-8	32.380	47.67	47.87	476703	478714
wire	noble metal	gold	7440-57-5	0.131	0.19	0.19	1923	1923
encapsulation	organic material	carbon black	1333-86-4	0.064	0.09		943	
	plastics	epoxy resin	-	3.458	5.09		50913	
	inorganic material	silicondioxide	60676-86-0	28.499	41.96	47.14	419561	471417
leadfinish	non noble metal	tin	7440-31-5	1.198	1.76	1.76	17631	17631
plating	noble metal	silver	7440-22-4	0.840	1.24	1.24	12370	12370
glue	plastics	epoxy resin	-	0.039	0.06		581	
	plastics	acrylic resin	-	0.039	0.06		581	
	inorganic material	silicondioxide	60676-86-0	0.079	0.12	0.24	1161	2323
*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