



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE5009A16D E1210	Issued	12. August 2021
MA#	MA005550263		
Package	PG-TDSO-16-2	Weight*	70.08 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	0.681	0.97	0.97	9720	9720
chip_2	inorganic material	silicon	7440-21-3	0.681	0.97	0.97	9720	9720
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		93	
	non noble metal	titanium	7440-32-6	0.033	0.05		464	
	non noble metal	chromium	7440-47-3	0.098	0.14		1392	
	non noble metal	copper	7440-50-8	32.380	46.21	46.41	462086	464035
wire	noble metal	gold	7440-57-5	0.241	0.34	0.34	3439	3439
encapsulation	organic material	carbon black	1333-86-4	0.062	0.09		889	
	plastics	epoxy resin	-	3.366	4.80		48030	
	inorganic material	silicondioxide	60676-86-0	27.736	39.58	44.47	395802	444721
leadfinish	non noble metal	tin	7440-31-5	1.198	1.71	1.71	17091	17091
plating	noble metal	silver	7440-22-4	3.361	4.80	4.80	47962	47962
glue	plastics	epoxy resin	-	0.058	0.08		828	
	plastics	acrylic resin	-	0.058	0.08		828	
	inorganic material	silicondioxide	60676-86-0	0.116	0.17	0.33	1656	3312
*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.

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