



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE5009A16D E1200	Issued	14. August 2021
MA#	MA005414400		
Package	PG-TDSO-16-2	Weight*	68.72 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	0.99	0.99	9912	9912
chip_2	inorganic material	silicon	7440-21-3	0.681	0.99	0.99	9912	9912
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		95	
	non noble metal	titanium	7440-32-6	0.033	0.05		473	
	non noble metal	chromium	7440-47-3	0.098	0.14		1420	
	non noble metal	copper	7440-50-8	32.380	47.13	47.33	471211	473199
wire	noble metal	gold	7440-57-5	0.241	0.35	0.35	3507	3507
encapsulation	organic material	carbon black	1333-86-4	0.063	0.09		916	
	plastics	epoxy resin	-	3.401	4.95		49487	
	inorganic material	silicondioxide	60676-86-0	28.023	40.78	45.82	407806	458209
leadfinish	non noble metal	tin	7440-31-5	1.198	1.74	1.74	17428	17428
plating	noble metal	silver	7440-22-4	1.680	2.45	2.45	24454	24454
glue	plastics	epoxy resin	-	0.058	0.08		845	
	plastics	acrylic resin	-	0.058	0.08		845	
	inorganic material	silicondioxide	60676-86-0	0.116	0.17	0.33	1689	3379
*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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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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