



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE4998S8D	Issued	12. August 2021
MA#	MA005548691		
Package	PG-TDSO-8-2	Weight*	68.90 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	1.926	2.80	2.80	27951	27951
chip_2	inorganic material	silicon	7440-21-3	1.926	2.80	2.80	27951	27951
leadframe	non noble metal	zinc	7440-66-6	0.064	0.09		934	
	non noble metal	tin	7440-31-5	0.080	0.12		1168	
	non noble metal	chromium	7440-47-3	0.097	0.14		1401	
	non noble metal	copper	7440-50-8	31.938	46.33	46.68	463568	467071
wire	noble metal	gold	7440-57-5	0.117	0.17	0.17	1696	1696
encapsulation	organic material	carbon black	1333-86-4	0.060	0.09		867	
	plastics	epoxy resin	-	3.224	4.68		46801	
	inorganic material	silicondioxide	60676-86-0	26.572	38.57	43.34	385679	433347
leadfinish	non noble metal	tin	7440-31-5	0.497	0.72	0.72	7217	7217
plating	noble metal	silver	7440-22-4	1.905	2.77	2.77	27652	27652
glue	plastics	epoxy resin	-	0.123	0.18		1779	
	plastics	acrylic resin	-	0.123	0.18		1779	
	inorganic material	silicondioxide	60676-86-0	0.245	0.36	0.72	3557	7115
*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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