

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4998S8D	**Issued**	14. August 2021
MA#	MA001220416		
Package	PG-TDSO-8-2	**Weight***	68.13 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	2.83	2.83	28266	28266
chip_2	inorganic material	silicon	7440-21-3	1.926	2.83	2.83	28266	28266
leadframe	non noble metal	zinc	7440-66-6	0.064	0.09		945	
	non noble metal	tin	7440-31-5	0.080	0.12		1181	
	non noble metal	chromium	7440-47-3	0.097	0.14		1417	
	non noble metal	copper	7440-50-8	31.938	46.88	47.23	468795	472338
wire	noble metal	gold	7440-57-5	0.118	0.17	0.17	1733	1733
encapsulation	organic material	carbon black	1333-86-4	0.060	0.09		882	
	plastics	epoxy resin	-	3.244	4.76		47620	
	inorganic material	silicondioxide	60676-86-0	26.735	39.24	44.09	392420	440922
leadfinish	non noble metal	tin	7440-31-5	0.497	0.73	0.73	7298	7298
plating	noble metal	silver	7440-22-4	0.953	1.40	1.40	13982	13982
glue	plastics	epoxy resin	-	0.123	0.18		1799	
	plastics	acrylic resin	-	0.123	0.18		1799	
	inorganic material	silicondioxide	60676-86-0	0.245	0.36	0.72	3597	7195
*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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