

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4998C8D	**Issued**	21. August 2021
MA#	MA002574632		
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	28267	28267
chip_2	inorganic material	silicon	7440-21-3	1.926	2.83	2.83	28267	28267
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	468806	472349
wire	noble metal	gold	7440-57-5	0.116	0.17	0.17	1707	1707
encapsulation	organic material	carbon black	1333-86-4	0.060	0.09		882	
	plastics	epoxy resin	-	3.244	4.76		47621	
	inorganic material	silicondioxide	60676-86-0	26.735	39.24	44.09	392432	440935
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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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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