

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4997A8	**Issued**	05. May 2021
MA#	MA001216352		
Package	PG-TDSO-8-1	**Weight***	66.85 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.268	3.39	3.39	33932	33932
leadframe	non noble metal	zinc	7440-66-6	0.062	0.09		926	
	non noble metal	tin	7440-31-5	0.077	0.12		1157	
	non noble metal	chromium	7440-47-3	0.093	0.14		1389	
	non noble metal	copper	7440-50-8	30.717	45.95	46.30	459511	462983
wire	noble metal	gold	7440-57-5	0.046	0.07	0.07	681	681
encapsulation	organic material	carbon black	1333-86-4	0.064	0.10		958	
	plastics	epoxy resin	-	3.458	5.17		51730	
	inorganic material	silicondioxide	60676-86-0	28.496	42.63	47.90	426291	478979
leadfinish	non noble metal	tin	7440-31-5	0.497	0.74	0.74	7438	7438
plating	noble metal	silver	7440-22-4	0.793	1.19	1.19	11863	11863
glue	plastics	epoxy resin	-	0.069	0.10		1031	
	plastics	acrylic resin	-	0.069	0.10		1031	
	inorganic material	silicondioxide	60676-86-0	0.138	0.21	0.41	2062	4124
*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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