



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE4997A8	Issued	23. June 2021
MA#	MA005548009		
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.
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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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