

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4699E	**Issued**	14. May 2021
MA#	MA003438492		
Package	PG-SSOP-14-2	**Weight***	83.45 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	2.837	3.40	3.40	33994	33994
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		413	
	non noble metal	iron	7439-89-6	0.689	0.83		8257	
	non noble metal	copper	7440-50-8	27.978	33.53	34.41	335276	344049
wire	noble metal	gold	7440-57-5	0.154	0.18	0.18	1850	1850
encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1163	
	plastics	epoxy resin	-	4.466	5.35		53515	
	inorganic material	silicondioxide	60676-86-0	43.977	52.70	58.17	527005	581683
leadfinish	non noble metal	tin	7440-31-5	0.976	1.17	1.17	11698	11698
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9199	9199
glue	plastics	epoxy resin	-	0.366	0.44		4382	
	noble metal	silver	7440-22-4	1.097	1.31	1.75	13145	17527
*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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