

Material Content Data Sheet

RoHS

Sales Product Name	TLE493D-A2B6	**Issued**	12. May 2021
MA#	MA001725784		
Package	PG-TSOP6-6-8	**Weight***	13.50 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	0.587	4.35	4.35	43498	43498
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		83	
	non noble metal	titanium	7440-32-6	0.006	0.04		413	
	non noble metal	chromium	7440-47-3	0.017	0.12		1238	
	non noble metal	copper	7440-50-8	5.546	41.09	41.26	410897	412631
wire	noble metal	gold	7440-57-5	0.039	0.29	0.29	2924	2924
encapsulation	organic material	carbon black	1333-86-4	0.052	0.39		3863	
	plastics	brominated resin	-	0.065	0.48		4828	
	inorganic material	antimonytrioxide	1309-64-4	0.130	0.97		9657	
	plastics	epoxy resin	-	1.186	8.79		87876	
	inorganic material	silicondioxide	60676-86-0	5.084	37.66	48.29	376610	482834
leadfinish	non noble metal	tin	7440-31-5	0.299	2.21	2.21	22144	22144
plating	noble metal	silver	7440-22-4	0.161	1.19	1.19	11890	11890
glue	plastics	epoxy resin	-	0.057	0.42		4214	
	noble metal	silver	7440-22-4	0.268	1.99	2.41	19865	24079
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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