

Material Content Data Sheet

RoHS

Sales Product Name	TLV493D-A1B6	**Issued**	02. April 2021
MA#	MA001613796		
Package	PG-TSOP6-6-5	**Weight***	13.36 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	0.506	3.79	3.79	37898	37898
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		81	
	non noble metal	titanium	7440-32-6	0.005	0.04		407	
	non noble metal	chromium	7440-47-3	0.016	0.12		1221	
	non noble metal	copper	7440-50-8	5.414	40.51	40.68	405129	406838
wire	noble metal	gold	7440-57-5	0.041	0.31	0.31	3073	3073
encapsulation	organic material	carbon black	1333-86-4	0.053	0.40		3966	
	plastics	brominated resin	-	0.066	0.50		4958	
	inorganic material	antimonytrioxide	1309-64-4	0.133	0.99		9916	
	plastics	epoxy resin	-	1.206	9.02		90237	
	inorganic material	silicondioxide	60676-86-0	5.168	38.67	49.58	386729	495806
leadfinish	non noble metal	tin	7440-31-5	0.299	2.24	2.24	22369	22369
plating	noble metal	silver	7440-22-4	0.155	1.16	1.16	11566	11566
glue	plastics	epoxy resin	-	0.052	0.39		3929	
	noble metal	silver	7440-22-4	0.247	1.85	2.24	18521	22450
*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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