



## Material Content Data Sheet



<b>Sales Product Name</b>		TLV493D-A1B6		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001613796						
<b>Package</b>		PG-TSOP6-6-5		<b>Weight*</b>		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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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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