

Material Content Data Sheet

RoHS

Sales Product Name	TLE493D-A1B6	**Issued**	11. May 2021
MA#	MA001660724		
Package	PG-TSOP6-6-5	**Weight***	13.39 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	4.39	4.39	43855	43855
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		81	
	non noble metal	titanium	7440-32-6	0.005	0.04		406	
	non noble metal	chromium	7440-47-3	0.016	0.12		1218	
	non noble metal	copper	7440-50-8	5.414	40.45	40.62	404353	406058
wire	noble metal	gold	7440-57-5	0.039	0.29	0.29	2946	2946
encapsulation	organic material	carbon black	1333-86-4	0.052	0.39		3912	
	plastics	brominated resin	-	0.065	0.49		4890	
	inorganic material	antimonytrioxide	1309-64-4	0.131	0.98		9780	
	plastics	epoxy resin	-	1.192	8.90		88997	
	inorganic material	silicondioxide	60676-86-0	5.107	38.14	48.90	381416	488995
leadfinish	non noble metal	tin	7440-31-5	0.299	2.23	2.23	22326	22326
plating	noble metal	silver	7440-22-4	0.155	1.15	1.15	11544	11544
glue	plastics	epoxy resin	-	0.057	0.42		4248	
	noble metal	silver	7440-22-4	0.268	2.00	2.42	20028	24276
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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