

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS810D1EJ V50	**Issued**	14. November 2019
MA#	MA001259986		
Package	PG-DSO-8-52	**Weight***	83.69 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	0.989	1.18	1.18	11814	11814
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		109	
	non noble metal	zinc	7440-66-6	0.036	0.04		435	
	non noble metal	iron	7439-89-6	0.728	0.87		8695	
	non noble metal	copper	7440-50-8	29.548	35.31	36.23	353054	362293
wire	non noble metal	copper	7440-50-8	0.064	0.08	0.08	766	766
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1207	
	plastics	epoxy resin	-	4.647	5.55		55525	
	inorganic material	silicondioxide	60676-86-0	45.762	54.67	60.34	546800	603532
leadfinish	non noble metal	tin	7440-31-5	0.695	0.83	0.83	8306	8306
plating	noble metal	silver	7440-22-4	0.725	0.87	0.87	8657	8657
glue	plastics	epoxy resin	-	0.097	0.12		1158	
	noble metal	silver	7440-22-4	0.291	0.35	0.47	3474	4632
*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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