



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLS810B1EJ V50	Issued	18. August 2021
MA#	MA005421217		
Package	PG-DSO-8-52	Weight*	83.68 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	0.996	1.19	1.19	11902	11902
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		8696	
	non noble metal	copper	7440-50-8	29.548	35.31	36.23	353107	362347
wire	non noble metal	copper	7440-50-8	0.046	0.05	0.05	546	546
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1207	
	plastics	epoxy resin	-	4.647	5.55		55530	
	inorganic material	silicondioxide	60676-86-0	45.760	54.69	60.36	546850	603587
leadfinish	non noble metal	tin	7440-31-5	0.695	0.83	0.83	8307	8307
plating	noble metal	silver	7440-22-4	0.725	0.87	0.87	8658	8658
glue	plastics	epoxy resin	-	0.097	0.12		1163	
	noble metal	silver	7440-22-4	0.292	0.35	0.47	3490	4653
*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.
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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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