

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS115B0EJ	**Issued**	04. April 2021
MA#	MA001505856		
Package	PG-DSO-8-52	**Weight***	83.72 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	1.123	1.34	1.34	13412	13412
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		8693	
	non noble metal	copper	7440-50-8	29.548	35.30	36.22	352953	362190
wire	non noble metal	copper	7440-50-8	0.054	0.06	0.06	640	640
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1203	
	plastics	epoxy resin	-	4.635	5.54		55360	
	inorganic material	silicondioxide	60676-86-0	45.640	54.51	60.17	545177	601740
leadfinish	non noble metal	tin	7440-31-5	0.695	0.83	0.83	8303	8303
plating	noble metal	silver	7440-22-4	0.725	0.87	0.87	8654	8654
glue	plastics	epoxy resin	-	0.106	0.13		1265	
	noble metal	silver	7440-22-4	0.318	0.38	0.51	3796	5061
*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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