

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE5501 E0002	**Issued**	08. April 2022
MA#	MA005432960		
Package	PG-DSO-8-16	**Weight***	82.86 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	0.430	0.52	0.52	5191	5191
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		433	
	non noble metal	iron	7439-89-6	0.717	0.87		8655	
	non noble metal	copper	7440-50-8	29.121	35.14	36.06	351449	360645
wire	noble metal	gold	7440-57-5	0.177	0.21	0.21	2139	2139
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1213	
	plastics	epoxy resin	-	4.624	5.58		55807	
	inorganic material	silicondioxide	60676-86-0	45.538	54.97	60.67	549581	606601
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9822	9822
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7848	7848
glue	inorganic material	copperoxide	1317-38-0	0.016	0.02		194	
	miscellaneous	miscellaneous	-	0.019	0.02		233	
	plastics	epoxy resin	-	0.112	0.14		1357	
	noble metal	silver	7440-22-4	0.495	0.60	0.78	5970	7754
*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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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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