

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE5012B E3005	**Issued**	16. April 2021
MA#	MA005416403		
Package	PG-DSO-8-16	**Weight***	83.55 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	3.535	4.23	4.23	42306	42306
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8584	
	non noble metal	copper	7440-50-8	29.121	34.86	35.77	348559	357679
wire	noble metal	gold	7440-57-5	0.154	0.18	0.18	1840	1840
encapsulation	organic material	carbon black	1333-86-4	0.094	0.11		1124	
	plastics	epoxy resin	-	4.321	5.17		51714	
	inorganic material	silicondioxide	60676-86-0	42.548	50.93	56.21	509276	562114
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9741	9741
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7783	7783
glue	plastics	acrylic resin	-	0.341	0.41		4078	
	noble metal	silver	7440-22-4	1.208	1.45	1.86	14459	18537
*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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