

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4253E	**Issued**	03. April 2021
MA#	MA001674350		
Package	PG-DSO-8-27	**Weight***	84.28 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	2.205	2.62	2.62	26159	26159
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		432	
	non noble metal	iron	7439-89-6	0.728	0.86		8634	
	non noble metal	copper	7440-50-8	29.548	35.06	35.97	350594	359768
wire	noble metal	gold	7440-57-5	0.107	0.13	0.13	1265	1265
encapsulation	organic material	carbon black	1333-86-4	0.098	0.12		1161	
	plastics	epoxy resin	-	4.502	5.34		53423	
	inorganic material	silicondioxide	60676-86-0	44.339	52.61	58.07	526099	580683
leadfinish	non noble metal	tin	7440-31-5	0.695	0.82	0.82	8248	8248
plating	noble metal	silver	7440-22-4	0.725	0.86	0.86	8597	8597
glue	plastics	epoxy resin	-	0.322	0.38		3820	
	noble metal	silver	7440-22-4	0.966	1.15	1.53	11460	15280
*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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