

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4253E	**Issued**	08. April 2022
MA#	MA005710805		
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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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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