

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE7241E	**Issued**	15. March 2021
MA#	MA001110592		
Package	PG-DSO-20-67	**Weight***	587.44 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	10.861	1.85	1.85	18489	18489
leadframe	inorganic material	phosphorus	7723-14-0	0.047	0.01		80	
	non noble metal	zinc	7440-66-6	0.187	0.03		319	
	non noble metal	iron	7439-89-6	3.750	0.64		6383	
	non noble metal	copper	7440-50-8	152.251	25.92	26.60	259180	265962
wire	non noble metal	copper	7440-50-8	0.528	0.09	0.09	899	899
encapsulation	organic material	carbon black	1333-86-4	0.823	0.14		1401	
	plastics	epoxy resin	-	37.847	6.44		64428	
	inorganic material	silicondioxide	60676-86-0	372.714	63.45	70.03	634477	700306
leadfinish	non noble metal	tin	7440-31-5	4.487	0.76	0.76	7638	7638
plating	noble metal	silver	7440-22-4	0.706	0.12	0.12	1202	1202
glue	plastics	epoxy resin	-	0.808	0.14		1376	
	noble metal	silver	7440-22-4	2.425	0.41	0.55	4128	5504
*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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