

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE7185-1E	**Issued**	03. June 2021
MA#	MA005353593		
Package	PG-DSO-36-38	**Weight***	608.64 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	8.970	1.47	1.47	14738	14738
leadframe	inorganic material	phosphorus	7723-14-0	0.057	0.01		93	
	non noble metal	zinc	7440-66-6	0.227	0.04		373	
	non noble metal	iron	7439-89-6	4.546	0.75		7468	
	non noble metal	copper	7440-50-8	184.568	30.32	31.12	303245	311179
wire	noble metal	gold	7440-57-5	1.294	0.21	0.21	2126	2126
encapsulation	organic material	carbon black	1333-86-4	0.800	0.13		1314	
	plastics	epoxy resin	-	36.787	6.04		60441	
	inorganic material	silicondioxide	60676-86-0	362.272	59.53	65.70	595211	656966
leadfinish	non noble metal	tin	7440-31-5	5.440	0.89	0.89	8938	8938
plating	noble metal	silver	7440-22-4	0.791	0.13	0.13	1300	1300
glue	plastics	epoxy resin	-	0.723	0.12		1188	
	noble metal	silver	7440-22-4	2.170	0.36	0.48	3565	4753
*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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