

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE7368E	**Issued**	07. April 2021
MA#	MA004080486		
Package	PG-DSO-36-51	**Weight***	610.08 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	14.773	2.42	2.42	24215	24215
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		7451	
	non noble metal	copper	7440-50-8	184.568	30.25	31.05	302531	310448
wire	non noble metal	copper	7440-50-8	1.816	0.30	0.30	2976	2976
encapsulation	organic material	carbon black	1333-86-4	0.788	0.13		1291	
	plastics	epoxy resin	-	36.244	5.94		59408	
	inorganic material	silicondioxide	60676-86-0	356.922	58.50	64.57	585042	645741
leadfinish	non noble metal	tin	7440-31-5	5.440	0.89	0.89	8917	8917
plating	noble metal	silver	7440-22-4	0.791	0.13	0.13	1296	1296
glue	plastics	epoxy resin	-	0.977	0.16		1602	
	noble metal	silver	7440-22-4	2.931	0.48	0.64	4805	6407
*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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