

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4254GS	**Issued**	12. August 2021
MA#	MA005596739		
Package	PG-DSO-8-46	**Weight***	82.93 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	1.779	2.14	2.14	21446	21446
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		109	
	non noble metal	zinc	7440-66-6	0.036	0.04		436	
	non noble metal	iron	7439-89-6	0.723	0.87		8722	
	non noble metal	copper	7440-50-8	29.372	35.42	36.34	354164	363431
wire	non noble metal	copper	7440-50-8	0.087	0.10	0.10	1045	1045
encapsulation	organic material	carbon black	1333-86-4	0.098	0.12		1177	
	plastics	epoxy resin	-	4.490	5.41		54141	
	inorganic material	silicondioxide	60676-86-0	44.217	53.34	58.87	533174	588492
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9813	9813
plating	noble metal	silver	7440-22-4	0.144	0.17	0.17	1738	1738
glue	plastics	epoxy resin	-	0.291	0.35		3509	
	noble metal	silver	7440-22-4	0.873	1.05	1.40	10526	14035
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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