

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4241GM	**Issued**	3. July 2019
MA#	MA005348229		
Package	PG-DSO-8-16	**Weight***	83.22 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	2.009	2.41	2.41	24143	24143
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		431	
	non noble metal	iron	7439-89-6	0.717	0.86		8618	
	non noble metal	copper	7440-50-8	29.121	34.99	35.90	349936	359093
wire	noble metal	gold	7440-57-5	0.164	0.20	0.20	1969	1969
encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1166	
	plastics	epoxy resin	-	4.464	5.36		53640	
	inorganic material	silicondioxide	60676-86-0	43.959	52.84	58.32	528232	583038
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9780	9780
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7814	7814
glue	plastics	acrylic resin	-	0.259	0.31		3116	
	noble metal	silver	7440-22-4	0.919	1.10	1.41	11047	14163
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com