

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4678GM	**Issued**	05. April 2021
MA#	MA001780528		
Package	PG-DSO-14-30	**Weight***	143.28 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	3.312	2.31	2.31	23117	23117
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		421	
	non noble metal	iron	7439-89-6	1.207	0.84		8424	
	non noble metal	copper	7440-50-8	49.007	34.20	35.09	342029	350979
wire	noble metal	gold	7440-57-5	0.277	0.19	0.19	1933	1933
encapsulation	organic material	carbon black	1333-86-4	0.171	0.12		1195	
	plastics	epoxy resin	-	7.879	5.50		54992	
	inorganic material	silicondioxide	60676-86-0	77.595	54.16	59.78	541550	597737
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8557	8557
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7187	7187
glue	plastics	acrylic resin	-	0.331	0.23		2308	
	noble metal	silver	7440-22-4	1.172	0.82	1.05	8182	10490
*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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