

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4678-2EL	**Issued**	18. August 2021
MA#	MA001684036		
Package	PG-SSOP-14-5	**Weight***	82.61 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	0.689	0.83	0.83	8344	8344
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		417	
	non noble metal	iron	7439-89-6	0.689	0.83		8341	
	non noble metal	copper	7440-50-8	27.978	33.87	34.75	338689	347551
wire	non noble metal	copper	7440-50-8	0.084	0.10	0.10	1020	1020
encapsulation	organic material	carbon black	1333-86-4	0.102	0.12		1236	
	plastics	epoxy resin	-	4.699	5.69		56879	
	inorganic material	silicondioxide	60676-86-0	46.270	56.03	61.84	560133	618248
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11817	11817
plating	noble metal	silver	7440-22-4	0.768	0.93	0.93	9292	9292
glue	plastics	epoxy resin	-	0.077	0.09		932	
	noble metal	silver	7440-22-4	0.231	0.28	0.37	2796	3728
*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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