



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE42694-2EL	Issued	27. April 2022
MA#	MA005715552		
Package	PG-SSOP-14-2	Weight*	82.84 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	1.353	1.63	1.63	16329	16329
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.689	0.83		8317	
	non noble metal	copper	7440-50-8	27.978	33.77	34.65	337721	346558
wire	noble metal	gold	7440-57-5	0.132	0.16	0.16	1599	1599
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1216	
	plastics	epoxy resin	-	4.633	5.59		55931	
	inorganic material	silicondioxide	60676-86-0	45.630	55.09	60.80	550799	607946
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11783	11783
plating	noble metal	silver	7440-22-4	0.768	0.93	0.93	9266	9266
glue	plastics	epoxy resin	-	0.135	0.16		1630	
	noble metal	silver	7440-22-4	0.405	0.49	0.65	4889	6519
*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 Neubiberg
Internet	www.infineon.com