

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE42764E V50	**Issued**	14. May 2021
MA#	MA003438476		
Package	PG-SSOP-14-2	**Weight***	83.49 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	3.179	3.81	3.81	38077	38077
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		413	
	non noble metal	iron	7439-89-6	0.689	0.83		8253	
	non noble metal	copper	7440-50-8	27.978	33.51	34.39	335114	343883
wire	noble metal	gold	7440-57-5	0.109	0.13	0.13	1303	1303
encapsulation	organic material	carbon black	1333-86-4	0.096	0.12		1155	
	plastics	epoxy resin	-	4.434	5.31		53109	
	inorganic material	silicondioxide	60676-86-0	43.664	52.30	57.73	523004	577268
leadfinish	non noble metal	tin	7440-31-5	0.976	1.17	1.17	11692	11692
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9194	9194
glue	plastics	epoxy resin	-	0.388	0.46		4646	
	noble metal	silver	7440-22-4	1.164	1.39	1.85	13937	18583
*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