

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLD2141-3EP	**Issued**	08. April 2022
MA#	MA005711296		
Package	PG-TSDSO-14-13	**Weight***	64.15 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	2.174	3.39	3.39	33891	33891
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		145	
	non noble metal	zinc	7440-66-6	0.037	0.06		582	
	non noble metal	iron	7439-89-6	0.746	1.16		11635	
	non noble metal	copper	7440-50-8	30.306	47.26	48.49	472418	484780
wire	non noble metal	copper	7440-50-8	0.086	0.13	0.13	1345	1345
encapsulation	organic material	carbon black	1333-86-4	0.085	0.13		1326	
	plastics	epoxy resin	-	3.317	5.17		51711	
	inorganic material	silicondioxide	60676-86-0	24.950	38.89	44.19	388935	441972
leadfinish	non noble metal	tin	7440-31-5	1.644	2.56	2.56	25629	25629
plating	noble metal	silver	7440-22-4	0.135	0.21	0.21	2103	2103
glue	plastics	epoxy resin	-	0.165	0.26		2570	
	noble metal	silver	7440-22-4	0.495	0.77	1.03	7710	10280
*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