

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLD2331-3EP	**Issued**	08. April 2022
MA#	MA005710667		
Package	PG-TSDSO-14-13	**Weight***	64.14 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	2.104	3.28	3.28	32806	32806
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		11637	
	non noble metal	copper	7440-50-8	30.306	47.27	48.50	472529	484893
wire	non noble metal	copper	7440-50-8	0.089	0.14	0.14	1386	1386
encapsulation	organic material	carbon black	1333-86-4	0.085	0.13		1329	
	plastics	epoxy resin	-	3.325	5.18		51847	
	inorganic material	silicondioxide	60676-86-0	25.010	39.00	44.31	389960	443136
leadfinish	non noble metal	tin	7440-31-5	1.644	2.56	2.56	25635	25635
plating	noble metal	silver	7440-22-4	0.135	0.21	0.21	2103	2103
glue	plastics	epoxy resin	-	0.161	0.25		2510	
	noble metal	silver	7440-22-4	0.483	0.75	1.00	7531	10041
*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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