

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLD5097EP	**Issued**	08. April 2022
MA#	MA005709997		
Package	PG-TSDSO-14-3	**Weight***	61.20 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	2.131	3.48	3.48	34828	34828
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		135	
	non noble metal	zinc	7440-66-6	0.033	0.05		541	
	non noble metal	iron	7439-89-6	0.662	1.08		10812	
	non noble metal	copper	7440-50-8	26.866	43.92	45.06	439005	450493
wire	non noble metal	copper	7440-50-8	0.158	0.26	0.26	2590	2590
encapsulation	organic material	carbon black	1333-86-4	0.087	0.14		1422	
	plastics	epoxy resin	-	3.393	5.54		55443	
	inorganic material	silicondioxide	60676-86-0	25.520	41.70	47.38	417004	473869
leadfinish	non noble metal	tin	7440-31-5	1.451	2.37	2.37	23707	23707
plating	noble metal	silver	7440-22-4	0.160	0.26	0.26	2610	2610
glue	plastics	epoxy resin	-	0.182	0.30		2976	
	noble metal	silver	7440-22-4	0.546	0.89	1.19	8927	11903
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com