

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLD5098EL	**Issued**	24. February 2022
MA#	MA005703760		
Package	PG-SSOP-14-3	**Weight***	83.09 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	2.57	2.57	25652	25652
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		415	
	non noble metal	iron	7439-89-6	0.689	0.83		8293	
	non noble metal	copper	7440-50-8	27.978	33.67	34.55	336725	345537
wire	noble metal	gold	7440-57-5	0.207	0.25	0.25	2487	2487
encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1193	
	plastics	epoxy resin	-	4.560	5.49		54884	
	inorganic material	silicondioxide	60676-86-0	44.908	54.05	59.66	540493	596570
leadfinish	non noble metal	tin	7440-31-5	0.976	1.17	1.17	11748	11748
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9239	9239
glue	plastics	epoxy resin	-	0.182	0.22		2192	
	noble metal	silver	7440-22-4	0.546	0.66	0.88	6575	8767
*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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