



# THE DATASHEET OF LCQT-MSOP10





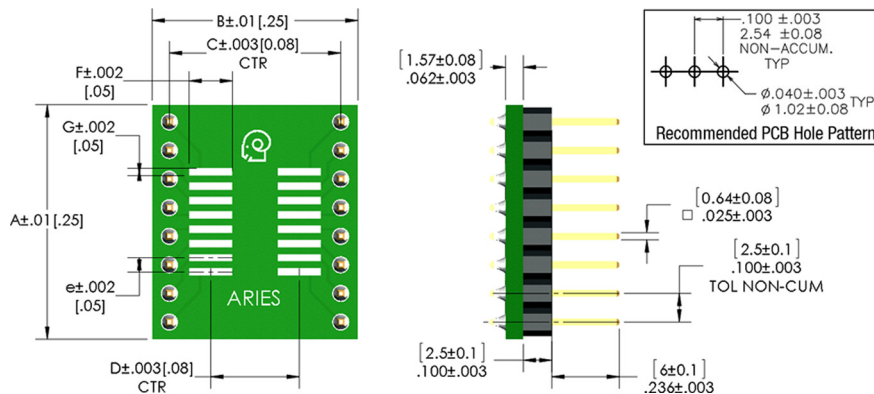
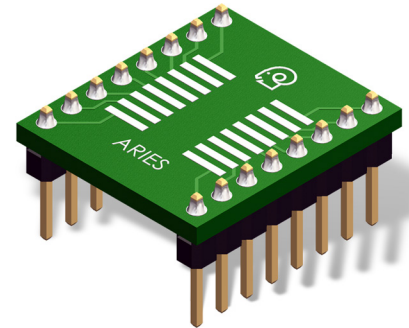
# Aries Low Cost, Quick Turn Small Outline Prototyping Adapters

## FEATURES

- Mates SOT23, SOIC, MSOP, or TSSOP packages to standard breadboard and breakout boards for rapid and easy prototyping
- Panelized adapters available upon request

## GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 [1.58] thick FR-4, UL 94V-0 with 1/2-oz. Cu traces
- PIN INSULATOR: Polyester, UL 94V-0
- PINS: Brass 360 1/2-hard per UNS C36000 ASTM-B16-00
- PIN PLATING: Au Flash
- OPERATING TEMPERATURE: -55°C to +125°C



## ORDERING INFORMATION

Indicate desired P/N



Pads	Package	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "e"	Dim. "F"	Dim. "G"	P/N
6	SOT23	0.4 [10.16]	0.5 [12.7]	0.3 [7.62]	0.091 [2.30]	0.037 [0.95]	0.035 [0.90]	0.024 [0.60]	LCQT-SOT23
8	SOIC8	0.5 [12.7]	0.5 [12.7]	0.3 [7.62]	0.205 [5.20]	0.050 [1.27]	0.087 [2.20]	0.024 [0.60]	LCQT-SOIC8
10	MSOP10	0.6 [15.24]	0.5 [12.7]	0.3 [7.62]	0.161 [4.10]	0.020 [0.50]	0.039 [1.00]	0.012 [0.30]	LCQT-MSOP10
14	TSSOP14	0.7 [17.78]	0.5 [12.70]	0.3 [7.62]	0.230 [5.48]	0.026 [0.65]	0.039 [1.00]	0.012 [0.30]	LCQT-TSSOP14
14	SOIC14	0.7 [17.78]	0.7 [17.78]	0.6 [15.24]	0.205 [5.20]	0.050 [1.27]	0.087 [2.20]	0.024 [0.60]	LCQT-SOIC14
14	SOIC14W	0.7 [17.78]	0.7 [17.78]	0.6 [15.24]	0.362 [9.20]	0.050 [1.27]	0.087 [2.20]	0.024 [0.60]	LCQT-SOIC14W
16	TSSOP16	0.8 [20.32]	0.7 [17.78]	0.6 [15.24]	0.314 [7.98]	0.026 [0.65]	0.070 [1.78]	0.017 [0.42]	LCQT-TSSOP16
16	SOIC16	0.9 [22.8]	0.8 [20.3]	0.6 [15.24]	0.314 [7.98]	0.050 [1.27]	0.152 [3.86]	0.026 [0.66]	LCQT-SOIC16
16	SOIC16W	0.9 [22.8]	0.8 [20.3]	0.6 [15.24]	0.314 [7.98]	0.050 [1.27]	0.152 [3.86]	0.026 [0.66]	LCQT-SOIC16W
20	TSSOP20	1.0 [25.4]	0.7 [17.78]	0.6 [15.24]	0.222 [5.64]	0.026 [0.65]	0.012 [0.30]	0.039 [0.99]	LCQT-TSSOP20
20	SSOP20	1.0 [25.4]	0.7 [17.78]	0.6 [15.24]	0.285 [7.25]	0.026 [0.65]	0.059 [1.50]	0.016 [0.40]	LCQT-SSOP20
20	SOIC20W	1.0 [25.4]	0.7 [17.78]	0.6 [15.24]	0.396 [10.06]	0.050 [1.27]	0.080 [2.03]	0.026 [0.66]	LCQT-SOIC20W
28	TSSOP28	1.4 [35.56]	0.7 [17.78]	0.6 [15.24]	0.228 [5.80]	0.026 [0.65]	0.047 [1.20]	0.014 [0.35]	LCQT-TSSOP28
28	SOIC28	1.4 [35.56]	0.7 [17.78]	0.6 [15.24]	0.380 [9.65]	0.050 [1.27]	0.079 [2.00]	0.031 [0.80]	LCQT-SOIC28
32	SOIC32	1.6 [40.64]	0.7 [17.78]	0.6 [15.24]	0.362 [9.20]	0.050 [1.27]	0.087 [2.20]	0.024 [0.60]	LCQT-SOIC32
32	SOIC32W	1.6 [40.64]	0.7 [17.78]	0.6 [15.24]	0.425 [10.80]	0.050 [1.27]	0.087 [2.20]	0.024 [0.60]	LCQT-SOIC32W
32	TSOP I	1.6 [40.64]	0.7 [17.78]	0.6 [15.24]	0.598 [15.20]	0.020 [0.50]	0.063 [1.60]	0.012 [0.30]	LCQT-TSOP32-1
32	TSOP I	2.0 [50.8]	0.7 [17.78]	0.6 [15.24]	0.776 [19.70]	0.020 [0.50]	0.047 [1.20]	0.014 [0.36]	LCQT-TSOP32
40	TSOP I	2.0 [50.8]	0.7 [17.78]	0.6 [15.24]	0.598 [15.20]	0.020 [0.50]	0.063 [1.60]	0.012 [0.30]	LCQT-TSOP40
40	TSOP I	2.0 [50.8]	0.7 [17.78]	0.6 [15.24]	0.756 [19.20]	0.020 [0.50]	0.063 [1.60]	0.012 [0.30]	LCQT-TSOP40-1

• ALL DIMENSIONS: INCHES [MILLIMETERS] • ALL TOLERANCES:  $\pm 0.005$  [0.13] UNLESS OTHERWISE SPECIFIED • CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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