



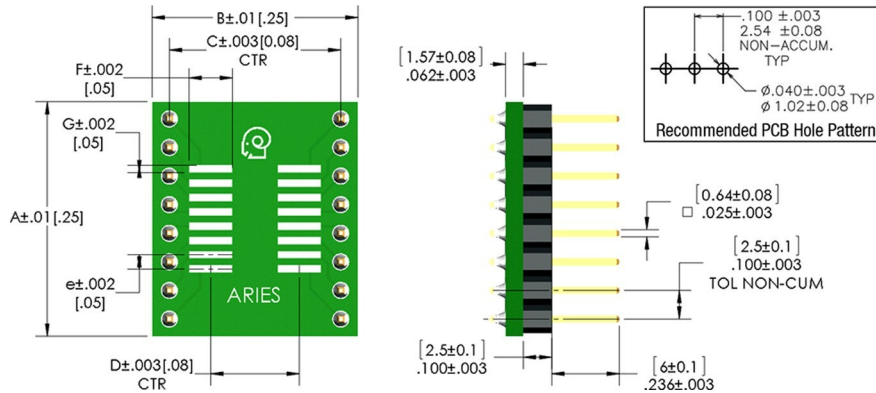
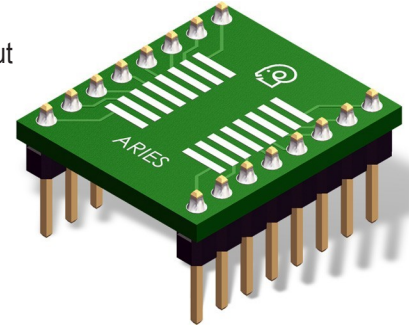
Aries Low Cost, Quick Turn Small Outline Prototyping Adapters

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" in/mm | Dim. "B" in/mm | Dim. "C" in/mm | Dim. "D" in/mm | Dim. "e" in/mm | Dim. "F" in/mm | Dim. "G" in/mm | P/N |
|------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 6 | SOT23 | 0.40 [10.16] | 0.50 [12.70] | 0.300 [7.62] | 0.091 [2.30] | 0.037 [0.95] | 0.035 [0.90] | 0.024 [0.60] | LCQT-SOT23 |
| 8 | SOIC8 | 0.50 [12.70] | 0.50 [12.70] | 0.300 [7.62] | 0.205 [5.20] | 0.050 [1.27] | 0.087 [2.20] | 0.024 [0.60] | LCQT-SOIC8 |
| 10 | MSOP10 | 0.60 [15.24] | 0.50 [12.70] | 0.300 [7.62] | 0.161 [4.10] | 0.020 [0.50] | 0.039 [1.00] | 0.012 [0.30] | LCQT-MSOP10 |
| 14 | TSSOP14 | 0.80 [20.32] | 0.50 [12.70] | 0.300 [7.62] | 0.230 [5.48] | 0.026 [0.65] | 0.039 [1.00] | 0.012 [0.30] | LCQT-TSSOP14 |
| 14 | SOIC14 | 0.80 [20.32] | 0.80 [20.32] | 0.600 [15.24] | 0.285 [7.24] | 0.050 [1.27] | 0.165 [4.19] | 0.024 [0.60] | LCQT-SOIC14 |
| 14 | SOIC14W | 0.80 [20.32] | 0.80 [20.32] | 0.600 [15.24] | 0.285 [7.24] | 0.050 [1.27] | 0.165 [4.19] | 0.024 [0.60] | LCQT-SOIC14W |
| 16 | TSSOP16 | 0.90 [22.86] | 0.80 [20.32] | 0.600 [15.24] | 0.235 [5.97] | 0.026 [0.65] | 0.070 [1.78] | 0.017 [0.42] | LCQT-TSSOP16 |
| 16 | SOIC16 | 0.90 [22.86] | 0.80 [20.32] | 0.600 [15.24] | 0.314 [7.98] | 0.050 [1.27] | 0.152 [3.86] | 0.026 [0.66] | LCQT-SOIC16 |
| 16 | SOIC16W | 0.90 [22.86] | 0.80 [20.32] | 0.600 [15.24] | 0.314 [7.98] | 0.050 [1.27] | 0.152 [3.86] | 0.026 [0.66] | LCQT-SOIC16W |
| 20 | TSSOP20 | 1.10 [27.94] | 0.80 [20.32] | 0.600 [15.24] | 0.222 [5.64] | 0.026 [0.65] | 0.039 [0.99] | 0.012 [0.30] | LCQT-TSSOP20 |
| 20 | SSOP20 | 1.10 [27.94] | 0.80 [20.32] | 0.600 [15.24] | 0.285 [7.25] | 0.026 [0.65] | 0.059 [1.50] | 0.016 [0.40] | LCQT-SSOP20 |
| 20 | SOIC20W | 1.10 [27.94] | 0.80 [20.32] | 0.600 [15.24] | 0.396 [10.06] | 0.050 [1.27] | 0.080 [2.03] | 0.026 [0.66] | LCQT-SOIC20W |
| 28 | TSSOP28 | 1.50 [38.10] | 0.80 [20.32] | 0.600 [15.24] | 0.228 [5.80] | 0.026 [0.65] | 0.047 [1.20] | 0.014 [0.35] | LCQT-TSSOP28 |
| 28 | SOIC28 | 1.50 [38.10] | 0.80 [20.32] | 0.600 [15.24] | 0.380 [9.65] | 0.050 [1.27] | 0.079 [2.00] | 0.031 [0.80] | LCQT-SOIC28 |
| 32 | SOIC32 | 1.70 [43.18] | 0.80 [20.32] | 0.600 [15.24] | 0.394 [10.01] | 0.050 [1.27] | 0.118 [3.00] | 0.024 [0.60] | LCQT-SOIC32 |
| 32 | SOIC32W | 1.70 [43.18] | 0.80 [20.32] | 0.600 [15.24] | 0.394 [10.01] | 0.050 [1.27] | 0.118 [3.00] | 0.024 [0.60] | LCQT-SOIC32W |
| 32 | TSOP32-1 | 1.70 [43.18] | 0.80 [20.32] | 0.600 [15.24] | 0.598 [15.20] | 0.020 [0.50] | 0.063 [1.60] | 0.012 [0.30] | LCQT-TSOP32-1 |
| 32 | TSOP32 | 1.70 [43.18] | 0.80 [20.32] | 0.600 [15.24] | 0.776 [19.70] | 0.020 [0.50] | 0.047 [1.20] | 0.014 [0.35] | LCQT-TSOP32 |
| 40 | TSOP40 | 2.10 [53.34] | 0.80 [20.32] | 0.600 [15.24] | 0.598 [15.20] | 0.020 [0.50] | 0.063 [1.60] | 0.012 [0.30] | LCQT-TSOP40 |
| 40 | TSOP40-1 | 2.10 [53.34] | 0.80 [20.32] | 0.600 [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: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED • CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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1 of 1