Series 652000 and 653000 PLCC-to-DIP Adapter

FEATURES
• Converts PLCC packaged ICs to DIP footprints.
• Ideal for prototyping and testing/evaluation.
• Available with PLCC sockets or PLCC pads on top side.
• Consult factory for Panelized Form or for mounting of consigned ICs.

GENERAL SPECIFICATIONS
• ADAPTER BODY: FR-4, 0.062 [1.58] thick, with 1-oz. Cu traces
• PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
• PIN PLATING: Sn/Pb 93/7 is 200µ [5.08µ] per ASTM B579-73 over 100µ [2.54µ] Ni per SAE-AMS-QQ-N-290 with 10µ [0.254µ] Au per MIL-G-45204 over 100µ [2.54µ] Ni per SAE AMS-QQ-N-290
• OPTIONAL PLCC SURFACE MOUNT SOCKET: UL 94V-0 PPS
• SOCKET CONTACTS: Phosphor Bronze, Sn-plated
• CURRENT RATING: 1 amp
• OPERATING TEMPERATURE: 221°F [105°C]

MOUNTING CONSIDERATIONS
• SUGGESTED PCB HOLE SIZE: 0.028 ±0.003 [0.71 ±0.08] dia.
• Will plug into Standard IC Socket
• See Table for Pad Layout when mounting PLCC socket

ORDERING INFORMATION
XX-65X000-1 X
No. of Pins 28, 32, 44, 68, 84
Series 652000: without socket
653000: with socket

CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. NOTE: Aries reserves the right to change product general specifications without notice.

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

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<td>1.400 [35.56]</td>
<td>1.300 [33.02]</td>
<td>0.705 [17.91]</td>
<td>0.703 [17.86]</td>
<td>0.300 [7.62]</td>
<td>0.300 [7.62]</td>
<td>0.449 [11.41]</td>
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<td>0.024 x 0.076 [0.61 x 1.93]</td>
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<td>32</td>
<td>1.600 [40.64]</td>
<td>1.500 [38.10]</td>
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<td>0.300 [7.62]</td>
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<td>0.910 [23.11]</td>
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<td>0.800 [20.32]</td>
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<td>0.026 x 0.076 [0.66 x 1.93]</td>
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