



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Series 652000 and 653000 PLCC-to-DIP Adapter

FEATURES

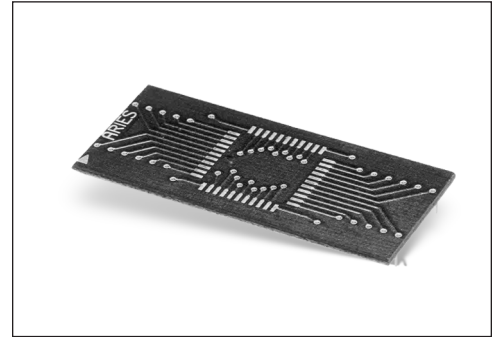
- Converts PLCC packaged ICs to DIP footprints.
- Ideal for prototyping and testing/evaluation.
- Available with PLCC sockets or PLCC pads on top side.
- Consult factory for Panelized Form or for mounting of consigned ICs.

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 200 μ [5.08 μ] per ASTM B579-73 over 100 μ [2.54 μ] Ni per SAE-AMS-QQ-N-290 with 10 μ [0.254 μ] Au per MIL-G-45204 over 100 μ [2.54 μ] 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 \pm 0.003 [0.71 \pm 0.08] dia.
- Will plug into Standard IC Socket
- See Table for Pad Layout when mounting PLCC socket



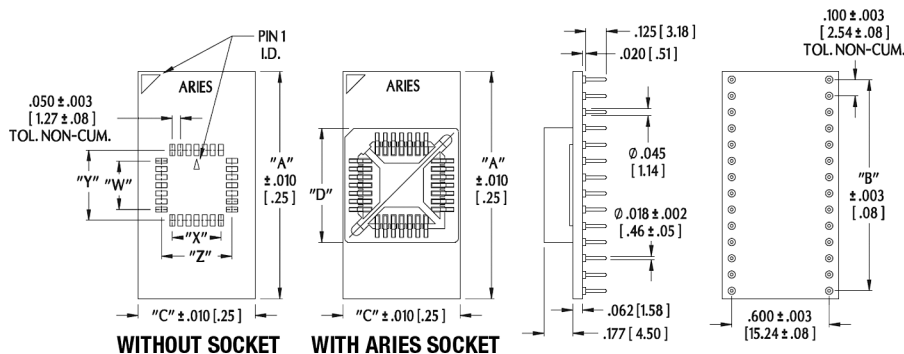
CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without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

ORDERING INFORMATION

XX-65X000-1 X

No. of Pins — 28, 32, 44, 68, 84
 Series — 652000: without socket
 653000: with socket
 Plating — 0 = Sn/Pb
 1 = Au
 Solder Tail Pin

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



Pins	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "W" \pm 0.003 [\pm 0.08] non-cumulative	Dim. "X" \pm 0.003 [\pm 0.08] non-cumulative	Dim "Y" \pm 0.003 [\pm 0.08]	Dim. "Z" \pm 0.003 [\pm 0.08]	Pad Size
28	1.400 [35.56]	1.300 [33.02]	0.705 [17.91]	0.703 [17.86]	0.300 [7.62]	0.300 [7.62]	0.449 [11.41]	0.449 [11.41]	0.024 x 0.076 [0.61 x 1.93]
32	1.600 [40.64]	1.500 [38.10]	0.705 [17.91]	0.805 [20.45]	0.400 [10.16]	0.300 [7.62]	0.549 [13.95]	0.448 [11.39]	0.024 x 0.076 [0.61 x 1.93]
44	2.200 [55.88]	2.100 [53.34]	0.910 [23.11]	0.910 [23.11]	0.500 [12.70]	0.500 [12.70]	0.670 [17.02]	0.670 [17.02]	0.026 x 0.076 [0.66 x 1.93]
68	3.400 [86.36]	3.300 [88.32]	1.220 [30.99]	1.220 [30.99]	0.800 [20.32]	0.800 [20.32]	0.945 [24.00]	0.945 [24.00]	0.026 x 0.076 [0.66 x 1.93]
84	4.200 [106.68]	4.100 [104.14]	1.420 [36.07]	1.421 [36.09]	1.000 [24.40]	1.147 [29.13]	1.147 [29.13]	1.147 [29.13]	0.026 x 0.080 [0.66 x 2.03]



Bristol, PA 19007-6810 USA
 TEL (215) 781-9956 • FAX (215) 781-9845
 WWW.ARIESELEC.COM • INFO@ARIESELEC.COM