## : ©hipsmall

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

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Email \& Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, \#122 Zhenhua RD., Futian, Shenzhen, China

P/N 68-304538-10 68-Pin PLCC w/Die Flipped-to-68-Pin PGA for 87C196 IC and Others

## FEATURES

- Correct-A-ChipTM technology solves problems associated with the use of alternative ICs (due to availability, obsolescence, need for better performance, etc.) by eliminating the need for new PCBs.


## GENERAL SPECIFICATIONS

- PCB: FR-4, 0.062 [1.56] or 0.094 [2.39] thick
- MALE PIN: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- MALE PIN PLATING: $200 \mu$ [ $5.08 \mu$ ] Sn/Pb 93/7 per ASTM B579-73 over $100 \mu$ [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290


## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: $0.028 \pm 0.002$ [0.71 $\pm 0.05$ ] dia.


## ALL DIMENSIONS: INCHES [MILLIMETERS]

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


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

 68-304538-10-P Optional Panelized Form| $\begin{gathered} \hline \text { Top } \\ \text { PLCC } \end{gathered}$ | Bottom PGA |
| :---: | :---: |
| 1 | 9 |
| 2 | 8 |
| 3 | 7 |
| 4 | 6 |
| 5 | 5 |
| 6 | 4 |
| 7 | 3 |
| 8 | 2 |
| 9 | 1 |
| 10 | 68 |
| 11 | 67 |
| 12 | 66 |
| 13 | 65 |
| 14 | 64 |
| 15 | 63 |
| 16 | 62 |
| 17 | 61 |
| 18 | 60 |
| 19 | 59 |
| 20 | 58 |
| 21 | 57 |
| 22 | 56 |
| 23 | 55 |
| 24 | 54 |
| 25 | 53 |
| 26 | 52 |
| 27 | 51 |
| 28 | 50 |
| 29 | 49 |
| 30 | 48 |
| 31 | 47 |
| 32 | 46 |
| 33 | 45 |
| 34 | 44 |


| $\begin{gathered} \text { Top } \\ \text { PLCC } \end{gathered}$ | Bottom PGA |
| :---: | :---: |
| 35 | 43 |
| 36 | 42 |
| 37 | 41 |
| 38 | 40 |
| 39 | 39 |
| 40 | 38 |
| 41 | 37 |
| 42 | 36 |
| 43 | 35 |
| 44 | 34 |
| 45 | 33 |
| 46 | 32 |
| 47 | 31 |
| 48 | 30 |
| 49 | 29 |
| 50 | 28 |
| 51 | 27 |
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| 53 | 25 |
| 54 | 24 |
| 55 | 23 |
| 56 | 22 |
| 57 | 21 |
| 58 | 20 |
| 59 | 19 |
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| 61 | 17 |
| 62 | 16 |
| 63 | 15 |
| 64 | 14 |
| 65 | 13 |
| 66 | 12 |
| 67 | 11 |
| 68 | 10 |

