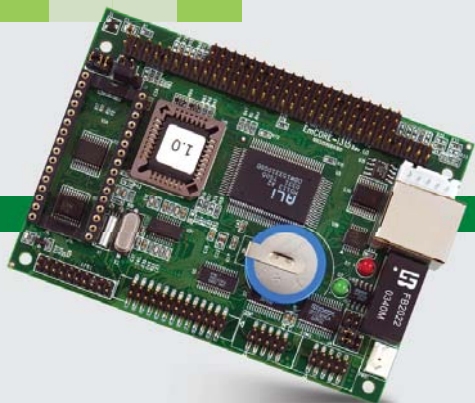


# EmCORE-i315

Embedded 386SX Tiny Board with 2S/DOC/4MB DRAM /Digital IO



## Features

- ALi M6117C System On Chip, compatible with 386SX-40 core
- 4 MB EDO Memory soldered on board
- LAN 10 Mbps, Realtek 8019AS 16-bit Digital I/O
- DiskOnChip Socket Tiny board of New High Integration 386 system



## System

|                       |  |
|-----------------------|--|
| <b>CPU</b>            | 386SX onboard 40MHz CPU                        |
| <b>Chipset</b>        | ALi M6117C (Embedded CPU, 386SX-40 Compatible) |
| <b>Memory</b>         | 4MB of EDO RAM Standard onboard                |
| <b>BIOS</b>           | AMI BIOS                                       |
| <b>Watchdog Timer</b> | From 30.5us to 512 seconds                     |
| <b>Other</b>          | Real Time Clock with Lithium Battery Backup    |

## I/O

|                      |  |
|----------------------|--|
| <b>Serial port</b>   | 1 x RS-232 port (COM1)<br>1 x RS-232/485 port (COM2) |
| <b>Parallel port</b> | SPP/EPP/ECP mode                                     |
| <b>Keyboard</b>      | 1 x Keyboard port                                    |
| <b>Digital I/O</b>   | 16bit Digital Input/Output                           |
| <b>Other</b>         | Power LED<br>Active LED<br>Buzzer                    |

## Ethernet

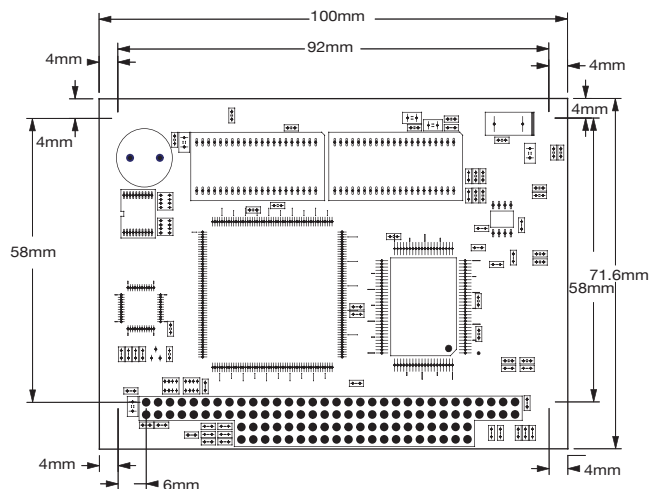
|                |   |
|----------------|---|
| <b>Chipset</b> | Realtek 8019AS Single chip, 10Mbps, NE2000 compatible |
|----------------|---|

## Flash Disk

|                   |  |
|-------------------|--|
| <b>Flash Disk</b> | One Socket for Flash ROM or Disk On Chip |
|-------------------|--|

## Mechanical & Environmental

|                          |                               |
|--------------------------|-------------------------------|
| <b>Power Consumption</b> | 5V/400mA (Max.)               |
| <b>Operating Temp.</b>   | -20 ~ 70°C (-4 ~ 158°F)       |
| <b>Dimension (L x W)</b> | 100 x 71.6 mm (3.94" x 2.82") |



Component Side

## Ordering Information

|                      |   |
|----------------------|---|
| <b>EmCORE-i315DL</b> | 386SX onboard 40MHz CPU with 4 MB EDO, Ethernet<br>2 serial ports and Disk on Chip Socket |
|----------------------|---|