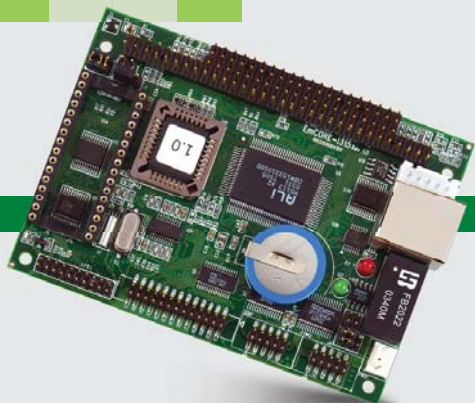# EmCORE-i315

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

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

## I/O

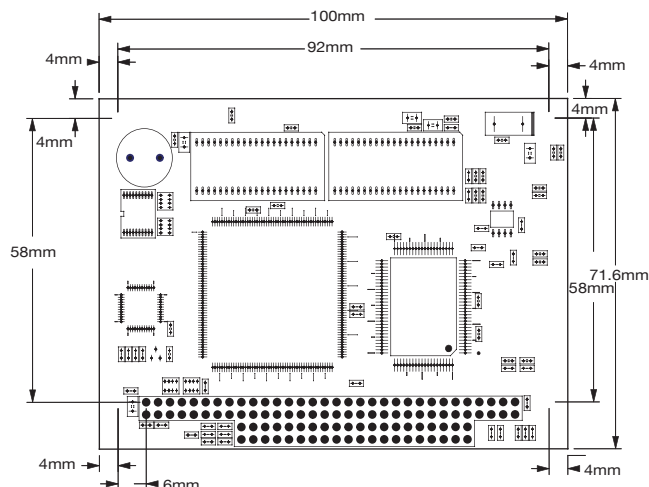| Serial port | 1 x RS-232 port (COM1) |
|---|---|
| | 1 x RS-232/485 port (COM2) |
| Parallel port | SPP/EPP/ECP mode |
| Keyboard | 1 x Keyboard port |
| Digital I/O | 16bit Digital Input/Outout |
| Other | Power LED |
| | Active LED |
| | Buzzer |

## Ethernet

| Chipset | Realtek 8019AS Single chip, 10Mbps, NE2000 compatible |
|---|---|

## Flash Disk

| Flash Disk | One Socket for Flash ROM or Disk On Chip |
|---|---|

## Mechanical & Environmental

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



Component Side

## Ordering Information

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