

# Appendix

## SBC Daughterboards

### FCDB-1293

Applies to HiCORE-i9451, HiCORE-i945A, EmCORE-i2709, EmCORE-i65M3



### Specifications

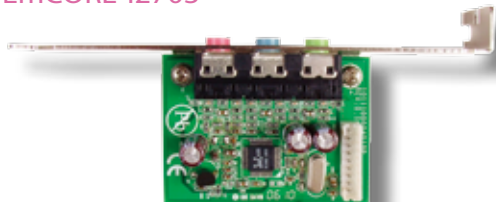
|                           |                            |
|---------------------------|----------------------------|
| <b>Serial Port</b>        | 3 x RS-232, 1 x RS-232/485 |
| <b>Digital I/O</b>        | 8-bit Digital I/O          |
| <b>Dimensions (L x W)</b> | 60.2 x 46 mm               |

### Ordering Information

|                  |                                      |
|------------------|--------------------------------------|
| <b>FCDB-1293</b> | 4 x COMs + Digital I/O daughterboard |
|------------------|--------------------------------------|

### FCDB-1110

Applies to HiCORE-i945A, HiCORE-i9451, EmCORE-i2703



### Specifications

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| <b>Daughterboard</b> | 9-pin to 9-pin wafer                                   |
| <b>Audio</b>         | Realtek ALC655 AC97 CODEC with Line-in/Line-out/Mic-in |
| <b>Cable</b>         | Length: 120mm                                          |

### Ordering Information

|                  |                                 |
|------------------|---------------------------------|
| <b>FCDB-1110</b> | ALC655 AC97 Audio daughterboard |
|------------------|---------------------------------|

### FCDB-1111

Applies to HiCORE-i35Q, EmCORE-i2703



### Specifications

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| <b>Daughterboard</b> | 9-pin to 9-pin wafer                                       |
| <b>Audio</b>         | Realtek ALC888 HD Audio CODEC with Line-in/Line-out/Mic-in |
| <b>Cable</b>         | Length: 250mm                                              |

### Ordering Information

|                  |                               |
|------------------|-------------------------------|
| <b>FCDB-1111</b> | ALC888 HD Audio daughterboard |
|------------------|-------------------------------|

## FCDB-1225

Applies to HiCORE-i9451



### Specifications

DVI support 12-bit, resolution up to 1580 x 1024

#### Display Type

TV-out: NTSC, PAL (share VGA)

VGA: support graphics resolutions up to 1600 x 1200 (share TV-out)

Input: 40-pin Hirose DF13-40DP-1.25 SDVO connector

### Ordering Information

**FCDB-1225** TV-out/DVI/VGA daughterboard

## FCDB-1424

Applies to EmCORE-i55M0, EmETXe-i67M1



### Specifications

**Dimensions (L x W)** 50 x 30 mm (1.97" x 1.96")

### Ordering Information

**FCDB-1424** DisplayPort daughterboard

## FCDB-349R

Applies to EmCORE-i55M0, EmCORE-i65M3



### Specifications

**Power Input** DC +5V input by small 4-pin power connector

**Digital I/O** 16-bit Digital I/O

**Dimensions (L x W)** 75 x 50 mm (2.95" x 1.96")

### Ordering Information

**FCDB-349R** SMBus 16-bit Digital I/O daughterboard