

Appendix

SBC Daughterboards

FCDB-1293

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



Specifications

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

Ordering Information

FCDB-1293	4 x COMs + Digital I/O daughterboard
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FCDB-1110

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



Specifications

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

Ordering Information

FCDB-1110	ALC655 AC97 Audio daughterboard
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FCDB-1111

Applies to HiCORE-i35Q, EmCORE-i2703



Specifications

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

Ordering Information

FCDB-1111	ALC888 HD Audio daughterboard
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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