SX-1 FPGA Board Overview

Audio Out

VGA/RGB
Out

Composite
Out

Joystick 1

PS/2
Keyboard

Power On

Reset

Micro-SD
Socket

DC Input

Slot 2

Slot 1

External
Slot
Connector

Recommended Power Supply: 9v DC, 2A
DC Barrel Measurements: 5.5/2.1 mm

External Power Button

External Reset Button

Audio L

Audio R

Stand-By LED

Audio GND

External LEDs + Row

Scanlines On/Off Jumper

External LEDs GND Row

CPUCLK
VIDEO
SCANLINES
SLOT1
SLOT2
SLOT2
RAM
SD
CPUCLK
PWRLED

USB +5v

USB- (KDAT)

USB+ (KCLK)

USB GND

USB-Blaster Programmer (pin 1)

Joy2 Up

Joy2 Left

Joy2 +5v

Joy2 Button 2

Joy2 GND

Joy2 Down

Joy2 Right

Joy2 Button 1

Joy2 Strobe

Alternative Joystck Port (unslodered)

SD DAT2

SD CS

SD DI

SD +3.3v

SD CLK

SD GND

SD DAT0

SD DAT1

SDCARD