Real Time System Controller

USB

+5V

USB5V0

LTC1844

IN OUT

USB3V3

DPLUS

DMINUS

GND

USB5V0

2.2k

USB3V3

CY7C68013A

VCC

DPLUS

DMINUS

SCL

SDA

GPIO

GPIO

MISCCTRL

SLRD

SLWR

FIFOAD

FIFODATA

GPIO

GPIO

VCC3V3

XC3S500E

BANK0

VCCIO

GPIO

GPIO

GPIO

GPIO

GPIO

JTAG (not bank0)

GPIO

75   8

75   2

75   8

100   4

24MHz

24AA128

SCL

SDA

USB-ON

USB5V0

VSWT

10k

20k

Digital Part(s)   Analog Part(s)   Connector(s)