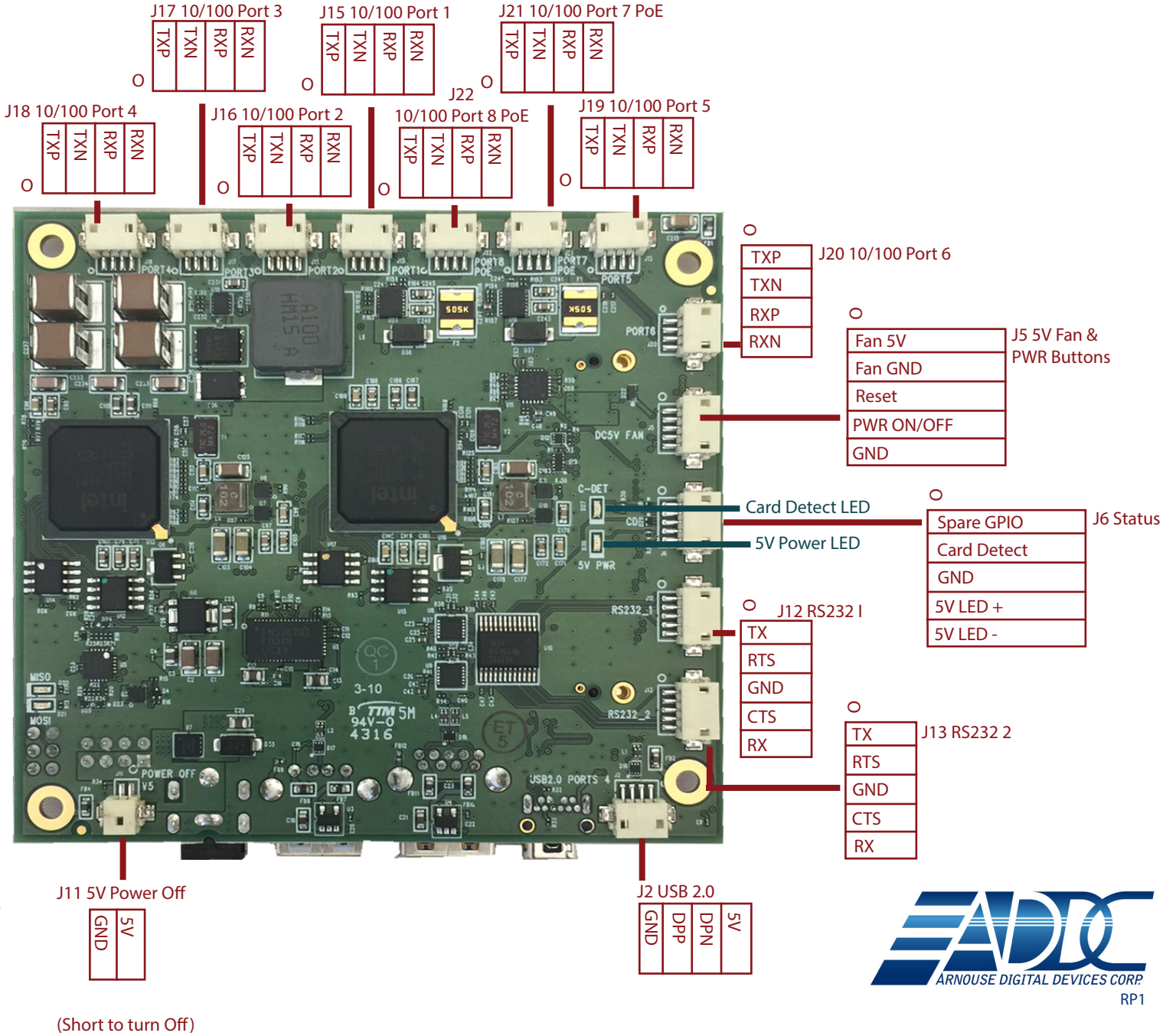
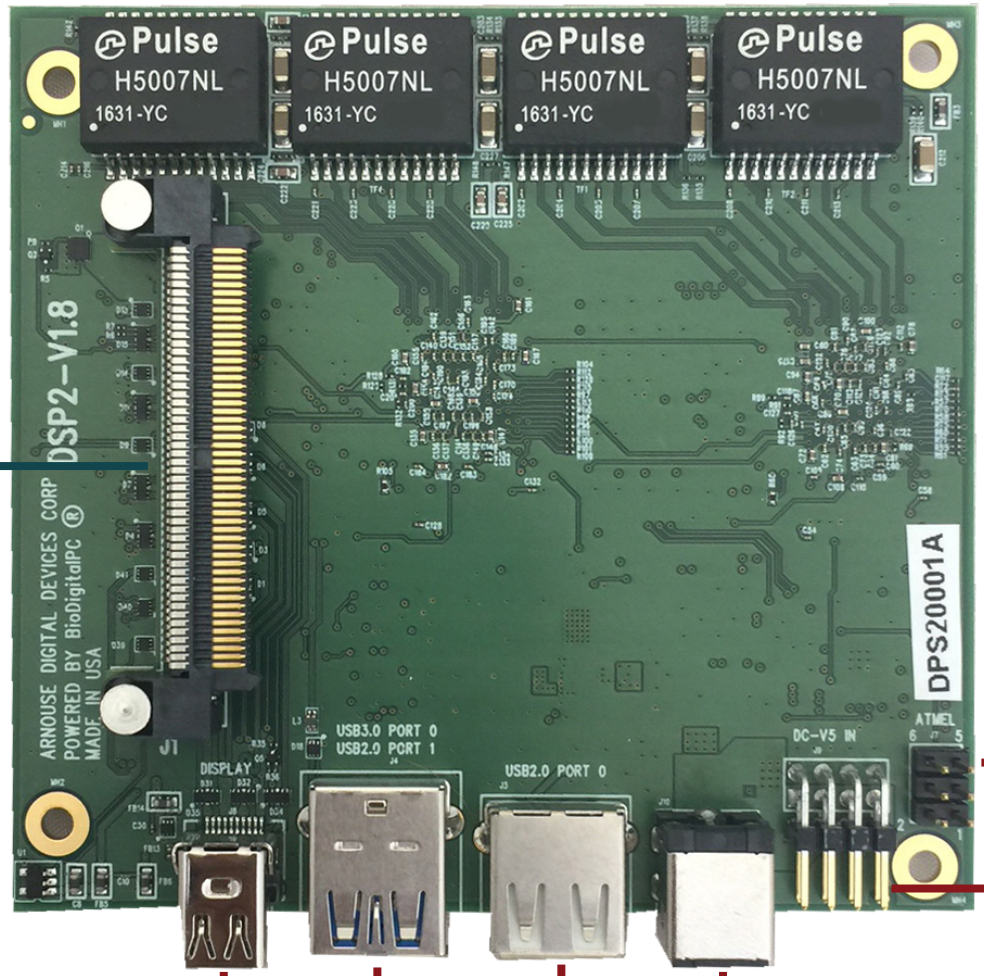
The BioDigitalPC® PC104-8 Reader

BOTTOM



The BioDigitalPC® PC104-8 Reader

TOP



J1 BioDigitalPC®
100-Pin Connector

J7 Atmel Programming Header

J9 5VDC Power In

8

GND	GND	GND	GND
5V	5V	5V	5V

1

J8 MiniDP

J4 USB 3.0

J3 USB 2.0

J10 2.5mm 5VDC
Power In Connector

BIODIGITAL PC ARNOUSE DIGITAL DEVICES CORP.

ADDC ARNOUSE DIGITAL DEVICES CORP.

J9
TOP
J5
GND
PWR ON/OFF
Reset
Fan GND
Fan 5V
J5
Fan 5V
Fan GND
Reset
PWR ON/OFF
GND
J6
5V LED -
5V LED +
GND
Card Detect
Spare GPIO
J6
Spare GPIO
Card Detect
GND
5V LED +
5V LED -
J12
RX
CTS
GND
RTS
TX
J12
TX
RTS
GND
CTS
RX
J13
RX
CTS
GND
RTS
TX
J13
TX
RTS
GND
CTS
RX
J11
GND
5V
J11
5V
GND
J9
TOP
J5
Fan 5V
Fan GND
Reset
PWR ON/OFF
GND
J5
GND
PWR ON/OFF
Reset
Fan GND
Fan 5V
J6
Spare GPIO
Card Detect
GND
5V LED +
5V LED -
J6
5V LED -
5V LED +
GND
Card Detect
Spare GPIO
J12
TX
RTS
GND
CTS
RX
J12
RX
CTS
GND
RTS
TX
J13
TX
RTS
GND
CTS
RX
J13
RX
CTS
GND
RTS
TX
J11
5V
GND
J11
GND
5V
J9
TOP
J5
Fan 5V
Fan GND
Reset
PWR ON/OFF
GND
J5
GND
PWR ON/OFF
Reset
Fan GND
Fan 5V
J6
Spare GPIO
Card Detect
GND
5V LED +
5V LED -
J6
5V LED -
5V LED +
GND
Card Detect
Spare GPIO
J12
TX
RTS
GND
CTS
RX
J12
RX
CTS
GND
RTS
TX
J13
TX
RTS
GND
CTS
RX
J13
RX
CTS
GND
RTS
TX
J11
5V
GND
J11
GND
5V
J9
TOP
J5
Fan 5V
Fan GND
Reset
PWR ON/OFF
GND
J5
GND
PWR ON/OFF
Reset
Fan GND
Fan 5V
J6
Spare GPIO
Card Detect
GND
5V LED +
5V LED -
J6
5V LED -
5V LED +
GND
Card Detect
Spare GPIO
J12
TX
RTS
GND
CTS
RX
J12
RX
CTS
GND
RTS
TX
J13
TX
RTS
GND
CTS
RX
J13
RX
CTS
GND
RTS
TX
J11
5V
GND
J11
GND
5V