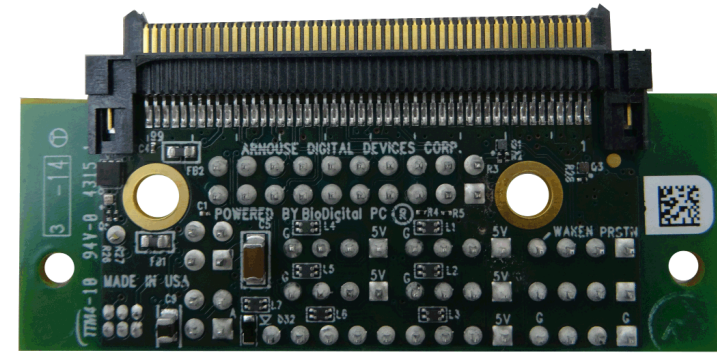
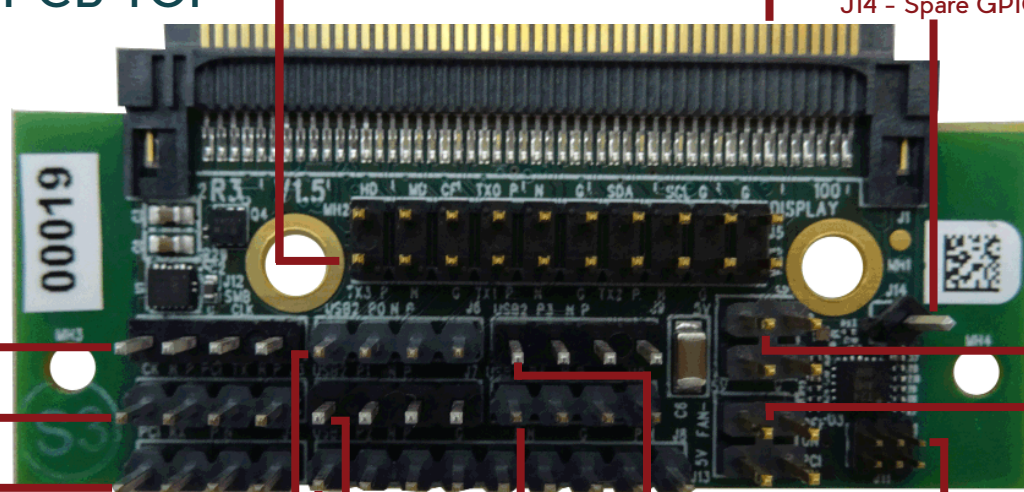


# The BioDigitalPC® R3 Reader Pinout Locator



PCB BOTTOM

PCB TOP



J5 - DisplayPort++ Signals

HPD	TX3 P
MODE	TX3 N
CFG2	GND
TX0 P	TX1 P
TX0 N	TX1 N
GND	GND
SDA	TX2
SCL	TX2 N
GND	GND
GND	3.3V

J1 - BioDigitalPC® Connector

J14 - Spare GPIO

J2 - Power Input

5V	GND
5V	GND

FAN	ON/
CTRL	OFF
5V	PCIe
FAN	ON

J13

		1

J11 - Atmel Programming Header

PCIe x1 Signals

J12	PERST N
	SMB DATA
	SMB CLK
	WAKE N
J3	CLK N
	CLK P
	TX0 N
	TX0 P
J4	GND
	RX0 P
	RX0 N
	GND

5V	N	D	GND
5V	N	D	GND
5V	N	D	GND
5V	N	D	GND

J6 - USB Port 0    J7 - USB Port 1    J10 - USB Port 4    J9 - USB Port 3

USB 2.0 Ports

5V	N	P	GND	TXP	TXN	GND	RXP	RXN
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J8 - USB 3.0 Port 2