gpio40

ttyS0

gpio50

0 — RX

gpio41

ttyS0

gpio51

1 — TX

gpio31

gpio0

+3.3V

R

gpio14

gpio32

2/Fast0

gpio30

gpio1

+3.3V

R

gpio15

gpio18
(pwm3)

3/Fast1

gpio28

4

gpio17
(pwm5)

5

gpio24
(pwm6)

6

gpio27

7

gpio26

8

gpio19
(pwm1)

9

gpio42

gpio10
(SPI1_CS)

gpio42
(pwm7)

10/SPI1_CS

gpio43

SPI1_MOSI

gpio25
(pwm4)

11/SPI1_MOSI

gpio54

SPI1_MISO

gpio38

12/SPI1_MISO

gpio55

SPI1_SCK

gpio39

13/SPI1_SCK

gpio37

vin0

gpio44

A0

gpio36

vin1

gpio45

A1

gpio23

vin2

gpio46

A2

gpio22

vin3

gpio47

A3

gpio29

I2C_SDA

gpio21

vin4

gpio48

A4

SDA

I2C_SCL

gpio20

vin5

gpio49

A5

SCL

gpio52

SHIELD_RESET

gpio53

RESET

gpio3

R

D?

LED

Onboard I/O Control
(Don't touch unless directed)

gpio4

Level Shifter OE

gpio5

Reset to Mini PCI-E

gpio6

RF Kill to Mini PCI-E

gpio7

J2 Cypress A0 Sense

gpio12

Cypress Reset