

YRL039

York Robotics Kit
Power Supply Board

JAH - YRL - 2019

RESET uC

R11 C16 C18 C19 C15 C12 C13
R12 R10 R14 R16
R8 R9 R13 R15 C17

Q1

U5

C5

U1

C8

C14

X1

RA2

GND
RST
MOSI
SCK
MISO
RX
TX
3V

GND

12

5

R6

R3

R4

C11

U6

U3

C2

C4

C9

R5

R1

U2

C6

C1

U4

R2

F1

7-15V

VIN

GND

C3

5V PI GND

R7

RA1

YORK ROBOTICS LABORATORY 2019

POWER

PI DATA

µC DATA

B+

DC IN

B-

GND

2.1mm
DC JACK

POWER