

RaspberryPi

FXMA2102

Arduino Uno  
(and Joystick Shield)

3.3v

SDA

SCL

$0.1\mu\text{F}$

VCCA

VCCB

A0

A1

OE

B0

B1

GND

$5\text{K}\Omega$

$5\text{K}\Omega$

$0.1\mu\text{F}$

5V

SDA

SCL

GPIO17

$3\text{K}\Omega$

$3\text{K}\Omega$

Digital13

