Pin	Purpose	Label	Digital[4]	Analog[5]	PWM[6]	I2C	SPI	FTDI[7]
1[1]	RESET	RESET	-	-	-	-	-	GREEN (RTS)
2	IO	PB3	3	3	-	-	SS	
3	IO	PB4	4	2	4[3]	-	SS	
4	GND	GND	-	-	-	-	-	BLACK (GND)
5	IO	PB0	0	-	0[3]	SDA	MOSI	YELLOW (RX)
6	IO	PB1	1	-	1[3]	-	MISO	ORANGE[2] (TX)
7	IO	PB2	2	1	-	SCL	SCK	
8	VDD	5V	-	-	-	-	-	RED (5V/3V)
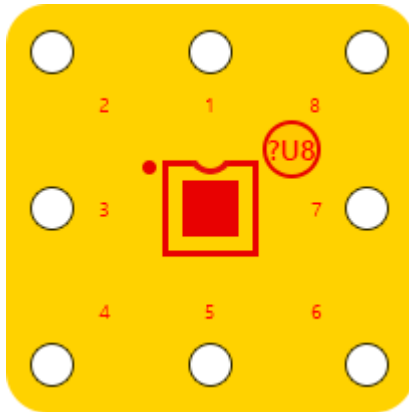
1. Can be used as GPIO (PB5), but doing so prevents the chip from being programmed without resetting the fuses. Not ideal for prototyping or for experimenting.

2. The white snap-to-pin wire is used for this connection.

3. Only two hardware PWM outputs can be active at a time.

4. Supports *digitalRead()* and *digitalWrite()*.

5. Supports *analogRead()*.

6. Supports *analogWrite()*.

7. Most FTDI cables will use the same color scheme.