UNCIA ROBOTICS

Home Automation | Connecting Bluetooth and Relay with Arduino

RELAY

220V AC

AC BULB

Relay
5VDC
10A 250VAC
15A 125VAC
10A 250VAC
JQC-3FF-S-Z

NC
COM
NO

IN
VCC
GND

HC-05 BLUETOOTH

STATE
RX
TX
GND
VCC
EN

HC-05

AREF
GND
13
12
~11
~10
~9
8
7
~6
~5
4
~3
2
TX ▲ 1
RX ▼ 0

DIGITAL (PWM~)

L
TX
RX
ON

UNO
Arduino

UNCIA ROBOTICS

IOREF
RESET
POWER
3.3V
5V
GND
GND
VIN

ANALOG IN
A0
A1
A2
A3
A4
A5