Description

The BRAVO Arduino shield can be controlled by many of the RF Solutions hand held remote controls, bringing Remote Control of your Arduino. It can also work with other BRAVO Arduino Shields to provide a Remote Telemetry link.
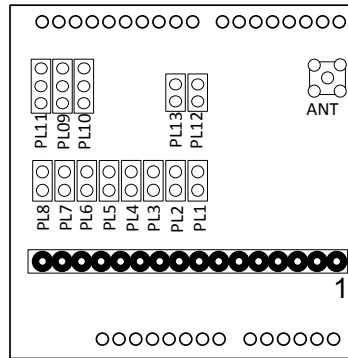
Resources

- **BRAVO-T868 datasheet**: Containing technical information including; pin description, dimensions and set-up of the BRAVO modem module.

  http://www.rfsolutions.co.uk/acatalog/DS-BRAVO.pdf

- **Build Pack**: Containing schematic, Gerber's, Design Spark project file and the BOM for the shield.

- **Arduino Code**: please contact sales for further rdata

Ordering Information

Part No	Descrtiption
BRAVO-ARD	Arduino Shield for BRAVO Telemetry Module

Link	Action	Description
PL1, 8	Closed	Inputs / outputs controlled via the Arduino
	Open	Inputs / outputs disconnected from Arduino
PL 9	Closed/open/Arduino control	Watchdog option
PL 10	Closed/open/Arduino control	Momentary / latching option
PL 11	Closed/open/Arduino control	TX/RX option
PL12		External LED (pin1 cathode –ve, pin 2 Anode +ve) For the LED to work fit a 360R > 560R resistor to R1
PL13		Is for an external 0V LRN button

Examples for PL9 – 11 operation

PL9:   (TX mode = Arduino Output) (RX mode = Arduino Input)
Pins 1, 2   closed = (LOW) watchdog ENABLED
Pins 1, 2   open = (HIGH) watchdog DISABLED
Pins 2, 3   closed = controlled via Arduino

PL10:
Pins 1, 2   closed = (LOW) Receiver mode
Pins 1, 2   open = (HIGH) Transmitter mode
Pins 2, 3   closed = controlled via Arduino

PL11: (RX mode only)
Pins 1, 2   Closed = (LOW) all outputs latching
Pins 1, 2   Open = (HIGH) all outputs momentary

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