

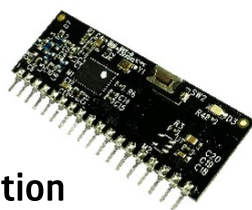
Description

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.

- **BRAVO-T868**

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

This provides a Telemetry receiver and is compatible with other RF Solutions' compatible transmitters key fobs. Using these together provides a remote Control Link.



Ordering Information

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

PCB-BRAVO-ARD-1



PL 9 > 11 Link options settings

1,2 = open / closed contolled via jumper Link
 2,3 = Link on 2,3 = hold high / low controlled via arduino

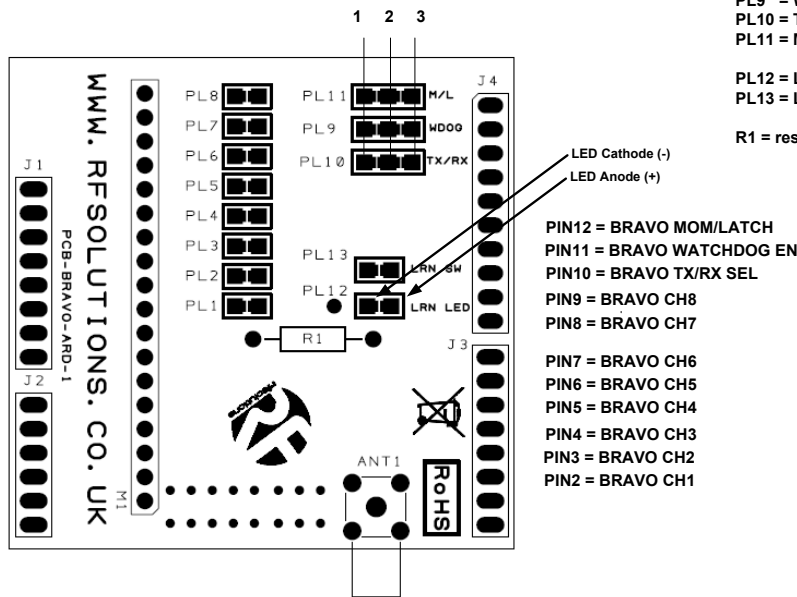
PL 1 > 8 enable / disable inputs/outputs to arduino

PL1 = Ch1 (closed = enabled)
 PL8 = Ch8 (open = disabled)

PL9 = Watchdog enable
 PL10 = TX/RX select
 PL11 = Mom /Latch select

PL12 = Learn LED (External LED)
 PL13 = Learn button (External 0V button)

R1 = resistor for external LED 330R > 470R



- PIN12 = BRAVO MOM/LATCH
- PIN11 = BRAVO WATCHDOG EN
- PIN10 = BRAVO TX/RX SEL
- PIN9 = BRAVO CH8
- PIN8 = BRAVO CH7
- PIN7 = BRAVO CH6
- PIN6 = BRAVO CH5
- PIN5 = BRAVO CH4
- PIN4 = BRAVO CH3
- PIN3 = BRAVO CH2
- PIN2 = BRAVO CH1

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)
PL13		Is for an external 0V LRN button

Resources / Further Reading

- BRAVO-T868 datasheet: Containing technical information including: pin description, dimensions and set-up of the KAPPA modem module.
<http://www.rfsolutions.co.uk/acatalog/DS-BRAVO.pdf>
- Build Pack: Containing schematic, Gerbers, Design Spark project file and the BOM for the shield.

Please go to the page below on our website for our Arduino Uno demo downloads
<http://www.rfsolutions.co.uk/downloads/Arduino.php>

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www.rfsolutions.co.uk

Waste Batteries and Accumulators Directive 2006/66/EC

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Environment Agency producer registration number:
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