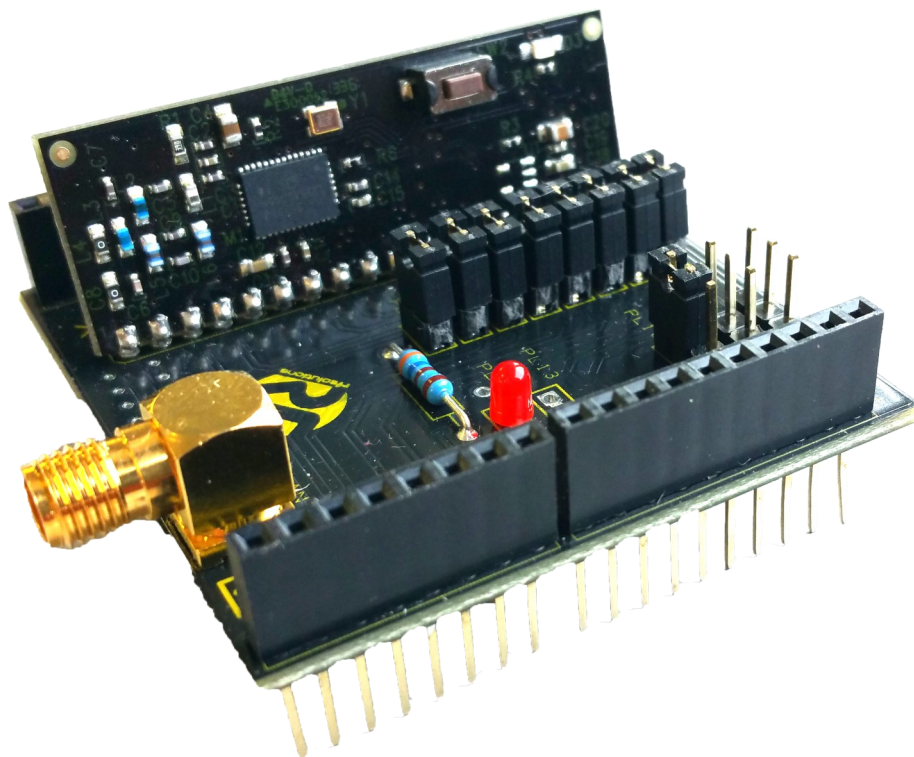




## Description

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 |

## PL 9 > 11 Link options settings

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

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

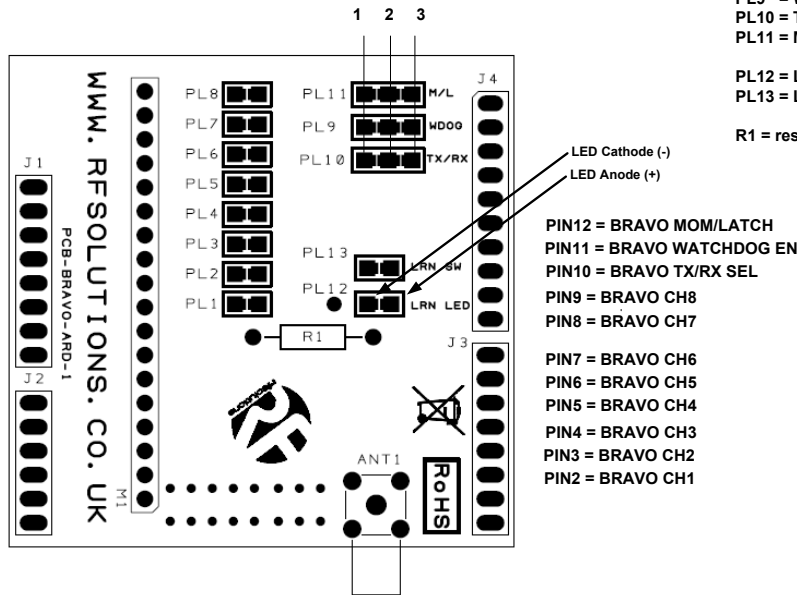
PL1 = Ch1 (closed = enabled)  
PL8 = Ch8 (open = disabled)

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



| 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<br>(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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