

On the Subject of Solving Microcontrollers

- Combine the correct row in the two tables to match pin numbers to colours.

| | VCC | AIN | DIN | PWM | RST |
|---------|-----|-----|-----|-----|-----|
| STRK 6 | 2 | 1 | 4 | 5 | 3 |
| STRK 8 | 5 | 1 | 4 | 2 | 7 |
| STRK 10 | 8 | 5 | 6 | 10 | 9 |
| LEDS 6 | 3 | 5 | 4 | 1 | 2 |
| LEDS 8 | 3 | 5 | 2 | 1 | 7 |
| LEDS 10 | 9 | 2 | 3 | 1 | 8 |
| CNTD 6 | 4 | 2 | 5 | 3 | 6 |
| CNTD 8 | 4 | 5 | 7 | 1 | 8 |
| CNTD 10 | 6 | 3 | 2 | 1 | 9 |
| EXPL 6 | 2 | 4 | 5 | 1 | 3 |
| EXPL 8 | 5 | 1 | 7 | 8 | 3 |
| EXPL 10 | 3 | 7 | 2 | 9 | 1 |

| | VCC | AIN | DIN | PWM | RST |
|--------------------------------------|-----|-----|-----|-----|-----|
| Module SN ends in 1/4 | Y | M | G | B | R |
| Lit SIG or RJ port | Y | R | M | G | B |
| Bomb SN has C/L/R/X/1/8 | R | M | G | B | Y |
| 2nd digit of Module SN = # batteries | R | B | Y | G | M |
| Otherwise | G | R | Y | B | M |