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| **ENCODER PINS (MY CHOICE)** | | **MOTOR PINS (SET)** | |
| MOTOR 1 ENCODER A | 20 (SDA) | MOTOR 1 DIRECTION | 4 |
| MOTOR 1 ENCODER B | 13 | MOTOR 1 SPEED | 3 |
| MOTOR 2 ENCODER A | 18 (A4) | MOTOR 2 DIRECTION | 12 |
| MOTOR 2 ENCODER B | 19 (A5) | MOTOR 2 SPEED | 10 |
| MOTOR 3 ENCODER A | 14 (A0) | MOTOR 3 DIRECTION | 5 |
| MOTOR 3 ENCODER B | 15 (A1) | MOTOR 3 SPEED | 8 |
| MOTOR 4 ENCODER A | 16 (A2) | MOTOR 4 DIRECTION | 6 |
| MOTOR 4 ENCODER B | 17 (A3) | MOTOR 4 SPEED | 7 |
| **SWITCHES** |  |  |  |
| MOTOR 1 | 21 (SCL) |  |  |
| MOTOR 2 | 1 |  |  |
| MOTOR 3 | 9 |  |  |
| MOTOR 4 | 2 |  |  |