

| TYPE | POLIARD BOARD | ARDUINO PIN | INTERFACE |
|----------------|---------------|-------------|-----------------------------|
| Analog Input | AI1 | A0 | BNC - Minifit ($\pm 10V$) |
| | AI2 | A1 | BNC - Minifit ($\pm 10V$) |
| | AI3 | A2 | BNC - Minifit ($\pm 10V$) |
| | AI4 | A3 | BNC - Minifit ($\pm 10V$) |
| | AI5 | A4 | BNC - Minifit ($\pm 10V$) |
| | AI6 | A5 | BNC - Minifit ($\pm 10V$) |
| | NTC | A6 | Internal - Minifit |
| | Pot1 | A7 | Knob |
| | Pot2 | A8 | Knob |
| | MisVdc | A9 | Internal |
| Analog Output | AO1 | DAC0 | BNC ($\pm 10V$) |
| | AO2 | DAC1 | BNC ($\pm 10V$) |
| Digital Input | DI1 | 34 | Switch |
| | DI2 | 36 | Switch |
| | DI3 | 38 | Switch |
| Digital Output | Status | 11 | LED |
| | Alarm | 12 | LED |
| | DO1 | 40 | LED |
| | DO2 | 42 | LED |
| Encoder 1 | EA1 | 23 | |
| | EB1 | 25 | |
| Encoder 2 | EA2 | 27 | |
| | EB2 | 29 | |
| Encoder 3 | EA3 | 31 | |
| | EB3 | 33 | |
| Encoder 4 | EA4 | 35 | |
| | EB4 | 37 | |
| Motor 1 | EnH1 | 10 | |
| | PWM M1_1 | 9 | |
| | PWM M1_2 | 8 | |
| | CurrentM1 | A10 | |
| | M1 06V | 22 | |
| | M1 12V | 24 | |
| | M1 24V | 26 | |
| Motor 2 | EnH2 | 4 | |
| | PWM M2_1 | 7 | |
| | PWM M2_2 | 3 | |
| | CurrentM2 | A11 | |
| | M2 06V | 28 | |
| | M2 12V | 30 | |
| | M2 24V | 32 | |
| Free | Free44 | 44 | |
| | Free45 | 45 | data TX frequency |
| | Free46 | 46 | |
| | Free47 | 47 | data TX |
| | Free48 | 48 | |
| | Free49 | 49 | |
| | Free50 | 50 | |
| | Free51 | 51 | |
| | Free52 | 52 | |
| | Free53 | 53 | |