| | Ground | Scope Description | Other Devices | Raspberry Description | Config File | Pin# | Input | Output | Teensy Description | Config File | Pin # | Input | Output | Motor Controlle | |
|-----------------------|--------|----------------------|-------------------|--------------------------|--------------------------|------|-------|--------|----------------------------|---------------------|-------|---------|--------|------------------|--|
| Category | | | | | | | | | | | | | | Pin | |
| | | | | | | | | | | | | | | | |
| Raspberry Ground | X | | | Gnd | | Gnd | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Scope Ground | X | | | | | | | | | | | | | | |
| Scope Trigger In | | Trigger In (5V) | | triggerOut | hardware.eventOut[0].pin | 15 | 5 | X | startTrialPin | treadmill.cpp | 3 | 3 X | | | |
| Scope Trigger Out | | Trigger Out (5V) | | | | | | | extTriggerInPin | treadmill.cpp | 8 | 3 X | | | |
| | | | | triggerIn | hardware.eventln[0].pin | 24 | ¥ X | | passThroughExtTriggerInPin | treadmill.cpp | 9 | 9 | X | | |
| Scope Frame Out | | Frame Out (5V) | | | | | | | framePin | treadmill.cpp | 5 | 5 X | | | |
| | | | | frame | hardware.eventln[1].pin | 23 | 3 X | | passThroughFramePin | treadmill.cpp | 6 | 6 | X | | |
| | | | | | | | | | | | | | | | |
| _EDs | | | LED 1 (+) | whiteLED | hardware.eventOut[1].pin | 19 | 9 | X | | | | | | | |
| | Х | | LED 1 (-) | | | | | | | | | | | | |
| | | | LED 2 (+) | irLED | hardware.eventOut[2].pin | 18 | 3 | X | | | | | | | |
| | Х | | LED 2 (-) | | | | | | | | | | | | |
| | | | , , | | | | | | | | | | | | |
| OHT Sensor | | | data (yellow) | dhtSensor | hardware.dhtSensor.pin | 4 | 1 X | | | | | | | | |
| | | | 5V (red) | | | 5V | | | | | | | | | |
| | Х | | Gnd (black) | | | | | | | | | | | | |
| | | | , | | | | | | | | | | | | |
| Stepper Motor | Х | | | | | | | | | | | | | Gnd | |
| | | | | | | | | | motorStepPin | treadmill.cpp | 17 | 7 | Χ | Step | |
| | | | | | | | | | motorDirPin | treadmill.cpp | 16 | | X | Dir | |
| | | | | | | | | | motorResetPin | treadmill.cpp | 19 | | X | RST | |
| | | | | | | | | | motorEnabledPin | treadmill.cpp | 20 | | X | Enable | |
| | | | | | | 5V | | | motor Endologram | шошинторр | | | | 5V (+) | |
| | X | | | | | | | | | | | | | Gnd | |
| | | | 12V DV (+) | | | | | | | | | | | PWR In (M+) | |
| | X | | 12V DC (Gnd) | | | | | | | | | | | PWR In (Gnd) | |
| | | | 121 20 (0114) | arduinoMotor | hardware.eventln[2].pin | 5 | 3 X | | motorOnPin | treadmill.cpp | 11 | 1 | X | r wre iii (Gild) | |
| | | | | | hardware.eventln[3].pin | | 7 X | | newEpochPin | treadmill.cpp | 12 | | X | | |
| | | | | ardumortewipor | riaidware.eventinįoj.pin | ' | ^ | | new_pociii iii | пеааппп.срр | 12 | - | ^ | | |
| Rotary Encoder | | | Encoder 1 | | | | | | encoderPinA | treadmill.cpp | 15 | 5 X | | | |
| Totaly Elloudi | | | Encoder 1 | | | | | | encoderPinB | treadmill.cpp | | 5 X | | | |
| | | | Encoder 1 (+5V) | | | | | | encoderFind | пеаштип.срр | 5V | ^ | | | |
| | X | | ` ' | | | | | | | | 30 | | | | |
| | ^ | | Encoder 1 (Gnd |) | ??? | | X | | encoderOutPin | troodmill or - | 10 | , | X | | |
| | | | | | (((| | ٨ | | encoderOutPin | treadmill.cpp | 10 | J | ^ | | |
| Emanual Ota - D | | | Duals button (:0) | 222 | 222 | 222 | V | | | to a signality as a | - | \ \ \ \ | | | |
| Emergency Stop Button | | | Push button (+3) | | ??? | ??? | X | | emergencyStopPin | treadmill.cpp | 20 |) X | | | |