LCD1
LM044L

VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7
1 2 3 4 5 6 7 8 9 10 11 12 13 14

RV1
53%
1k

ARD1

Reset BTN

ON

RESET

ANALOG IN

ATMEGA328P-PU
1121

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AREF

PB5/SCK   13
PB4/MISO   12
~ PB3/MOSI/OC2A 11
~ PB2/OC1B   10
~ PB1/OC1A   9
PB0/ICP1/CLKO   8

PD7/AIN1   7
~ PD7/AIN1   6
~ PD5/T1/OC0B   5
PD4/T0/XCK   4
~ PD3/INT1/OC2B 3
PD2/INT0   2
PD1/TXD   1
PD0/RXD   0

A0 PC0/ADC0
A1 PC1/ADC1
A2 PC2/ADC2
A3 PC3/ADC3
A4 PC4/ADC4/SDA
A5 PC5/ADC5/SCL

ARDUINO UNO

220

D2
Test_LED

R1

Actuating_Servo

+88.8

5%
SEAT_ANGLE

Accelerometer

RV2 **RV3** **RV4**
85%   82%   30%
1k   1k   1k

VCC

RV5
20%
1k

+88.8

WEBBING_ENCODER