

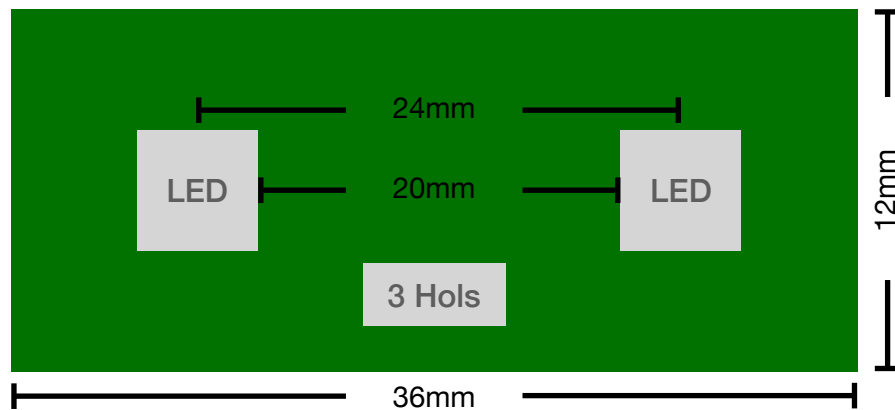
Huyang Boards

Chest Lights

2 Adressable LEDs

3 Soldercontacts on the backside (Data, Power and GND)

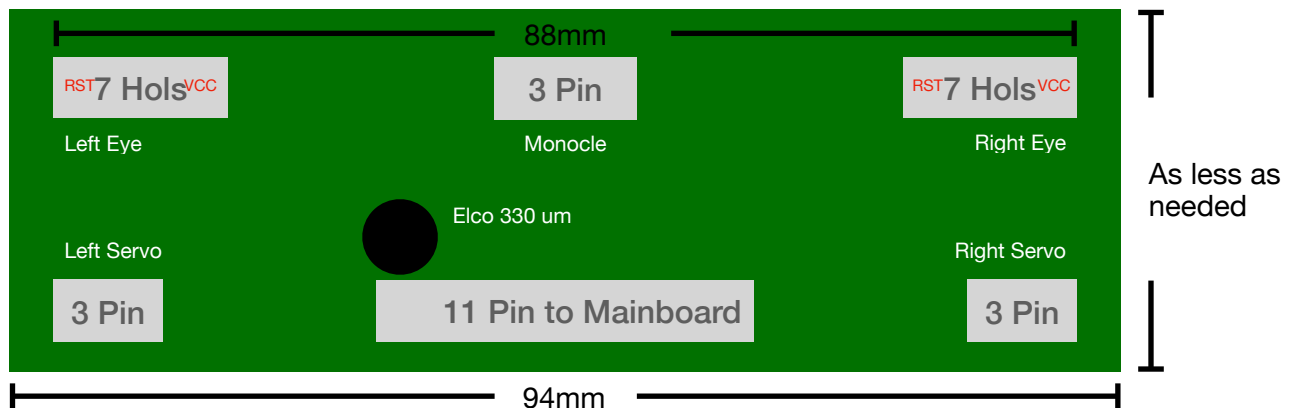
LED 4x4mm



Head Eyes and Servos

7 PIN LED Socket on
Background

7 PIN LED Socket on
Background



Elco between 3.3v and Ground

7 PINS TO TFT DISPLAY FROM LEFT TO RIGHT:
RST, CS, DC, SDA, SCL, GND, VCC

CONNECTION TO MAINBOARD WITH 11 WIRES:

Power 3,3V

Ground

Display Pin CS Left -> D0

Display Pin CS Right -> D8

Display Pin SCL -> D5

Display Pin SDA -> D7

Display Pin DC -> D4

(If split, then split here)

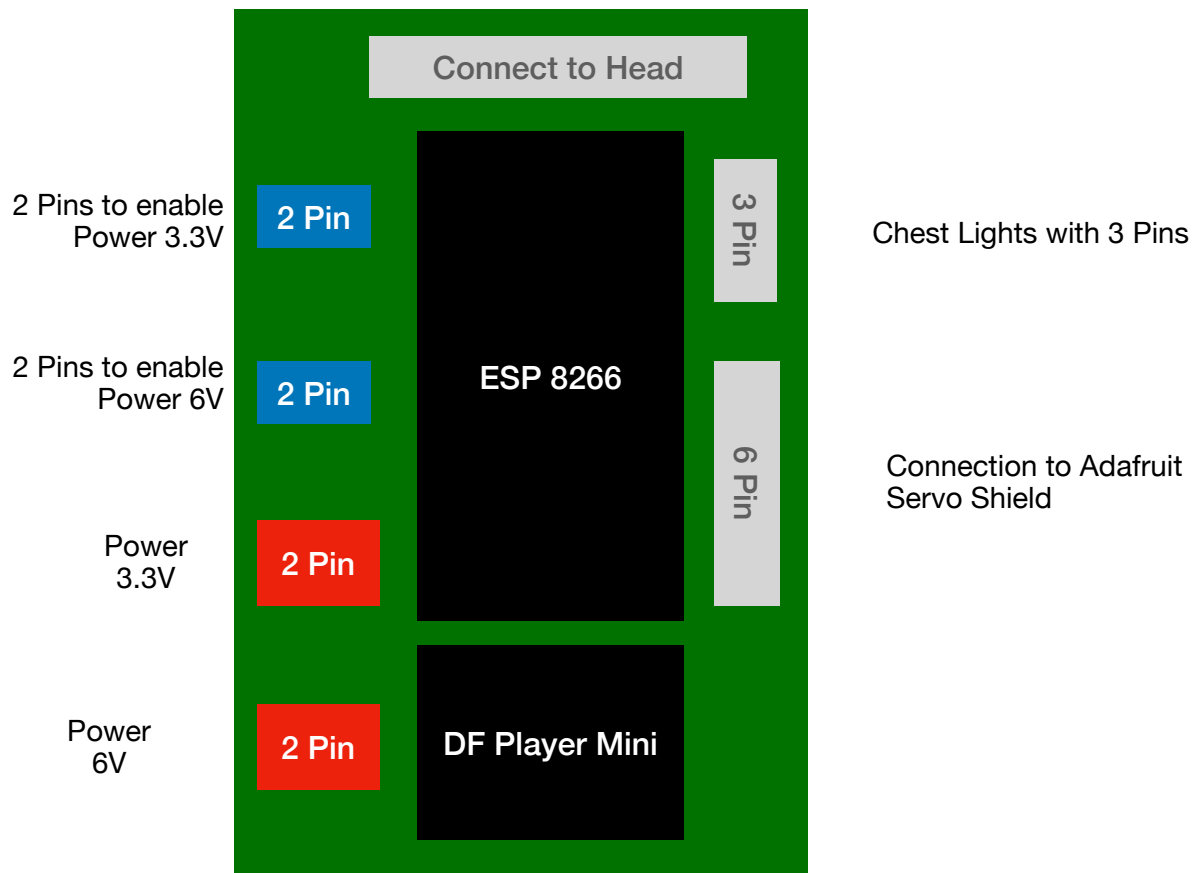
Servos Power 6V

Head Left Servo Data

Head Right Servo Data

Monocle Servo Data

Chest Mainboard



CONNECTION TO ADAFRUIT SERVO SHIELD:

Ground	->
OE	-> -
SCL	-> D1
SDA	-> D2
VCC	-> 3.3V Power
V+	-> 6V Power