Board v2.0.0 with Hardware 2.0

PITCH

2x 775 DC Motor
12V-36V
3500-900Rpm

ROLL

Power Supply
24V 10A

Power Plug
with Switch

2x BTS7960 43A
Motor Driver

ROLL

PITCH

Arduino FFB Yoke by Gaggu v2.0

PRO MICRO ARDUINO
VIN: 6-12V
3V3 max: 50mA
5V max: 1000mA

ERR_LED

BUZZER1

1K
10K-3
10K-4
10K-5
10K-6
47K-2
2K

74HC165

2N4401

BUZ_ON_OFF

YOKE

IR_PITCH_DOWN IR_PITCH_UP IR_ROLL_LEFT IR_ROLL_RIGHT CALIBRATION POWER_MEASURE

P-Down   P-UP   R-LEFT   R-RIGHT   Calibration

4x IR Sensor DAOKAI WE_DA_026

$47k\Omega$

+24V   GND

Power Supply
detection