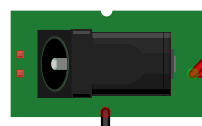
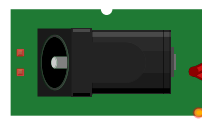
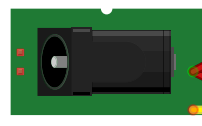
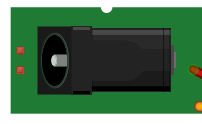
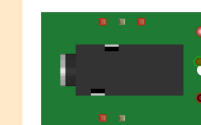
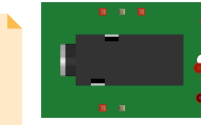
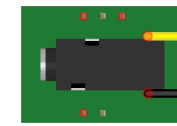
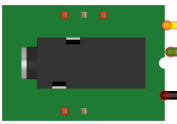
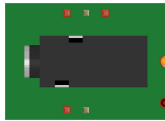


3.5MM Jack Socket.
Body - Black
Collar - Yellow
Tip - Green

Trigger High

Trigger Input

Trigger Low



IN
- ISOLATOR -
Focus
GND

OUT
- ISOLATOR -
Shutter
GND

OUT
OPTIONAL
- ISOLATOR -
Flash
GND

0V IN Yellow
Black
- MOSFET -
Flash
0V Out Black

+12 Red
0V out Yellow
0V in Black
OPTO-ISOLATED
- MOSFET -

+12 Red
0V out Yellow
0V in Black
OPTO-ISOLATED
- MOSFET -

+12 Red
0V out Yellow
0V in Black
OPTO-ISOLATED
- MOSFET -

12V Red
0V Black
DC-DC converter
5V Red
0V Black

IN
GND

IN
GND

IN
GND

Grey
0V

Purple
0V Black

Yellow
0V Black

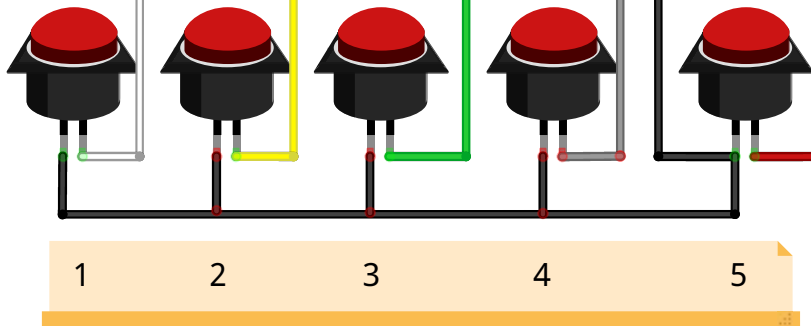
Green
0V Black

5V Red
0V Black

LIGHT SENSOR
0V
OUT
3V

Encoder
GND - Black
S1 - White
S2 - Grey
Key - Blue
5V - Brown

Relay
Optional



1 2 3 4 5

TFT pins in order	ESP32	Wire Colour	
TFT_VDD	3V3	Brown	
TFT_GND	GND	Black	
TFT_CS	15	green	Chip select
TFT_RST	4	white	Reset pin
TFT_DC	16	Grey	Data Command
TFT_MOSI	23	blue	
TFT_SCLK	18	yellow	
TFT_LED	3V3	Brown	
TFT_MISO		do no connect	
Touch_CCLK	18	yellow	
Touch_CS	17	orange	
Touch_DIN	23	blue	MOSI
Touch_TFT_DO	19	violet	MISO
Touch_IRQ		do not connect	

Note:-
DO NOT use the
GND pin on the
EPS32 board, that is
located between
pins 19 & 21.
or between
pins VS & SD3

V1.2
Changed isolator boards

