

OD: 34,35,36,39
Motor: 25,26,32,33
Points: 12,13,14,27
Buttons: 0, 2,15,16
LEDs: 17,18,19,23
Signals: 21,22 (I2C)



▷ CAN_TX
▷ CAN_RX

File: CAN_Transceiver.sch



File: PowerSupply.sch



Points1	D	GPI012
Points2	D	GPI013
Points3	D	GPI014
Points4	D	GPI027
Motor1	◁	GPI025
Motor2	◁	GPI026
Motor3	◁	GPI032
Motor4	◁	GPI033

File: StallMotors4.sch



SCL  SCL

SDA  SDA

File: PCA9685Driver.sch



0D1D	GPI034
0D2D	GPI035
0D3D	GPI036
0D4D	GPI039

File: OccDetect4.sch



LED1	GPIO17
LED2	GPIO18
LED3	GPIO19
LED4	GPIO23
Button1	GPIO0
Button2	GPIO2
Button3	GPIO15
Button4	GPIO16

File: Buttons4LEDs4.sch

Main Page: MCU and section interconnect

Deepwoods Software

Sheet: /

File: ESP32-MultiFunction.sch

Title: ESP32 Multifunction board

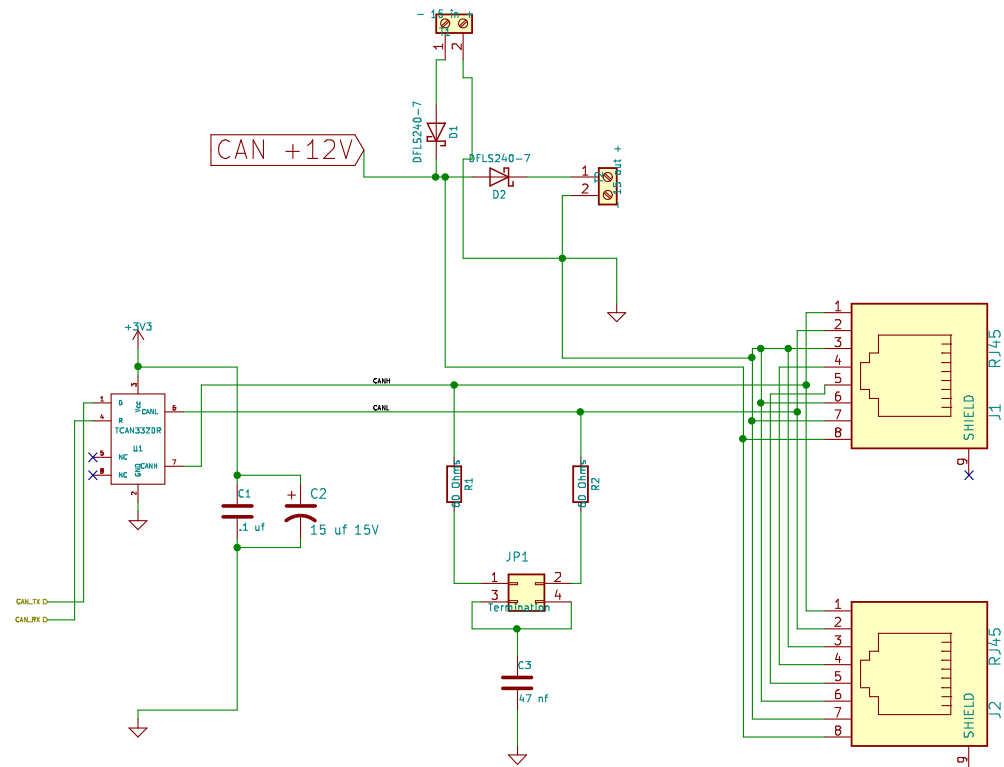
Size: A4

Date: _____

Rev:

Size: 7M	URL:
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Id: 1/7



CAN Transceiver

Deepwoods Software

Sheet: /CAN Transceiver/

File: CAN_Transceiver.sch

Title: ESP32 Multifunction board

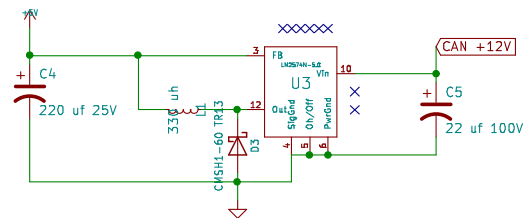
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Date:

Rev:

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Id: 2/7



Power Supply

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Sheet: /Power Supply/

File: PowerSupply.sch

Title: ESP32 Multifunction board

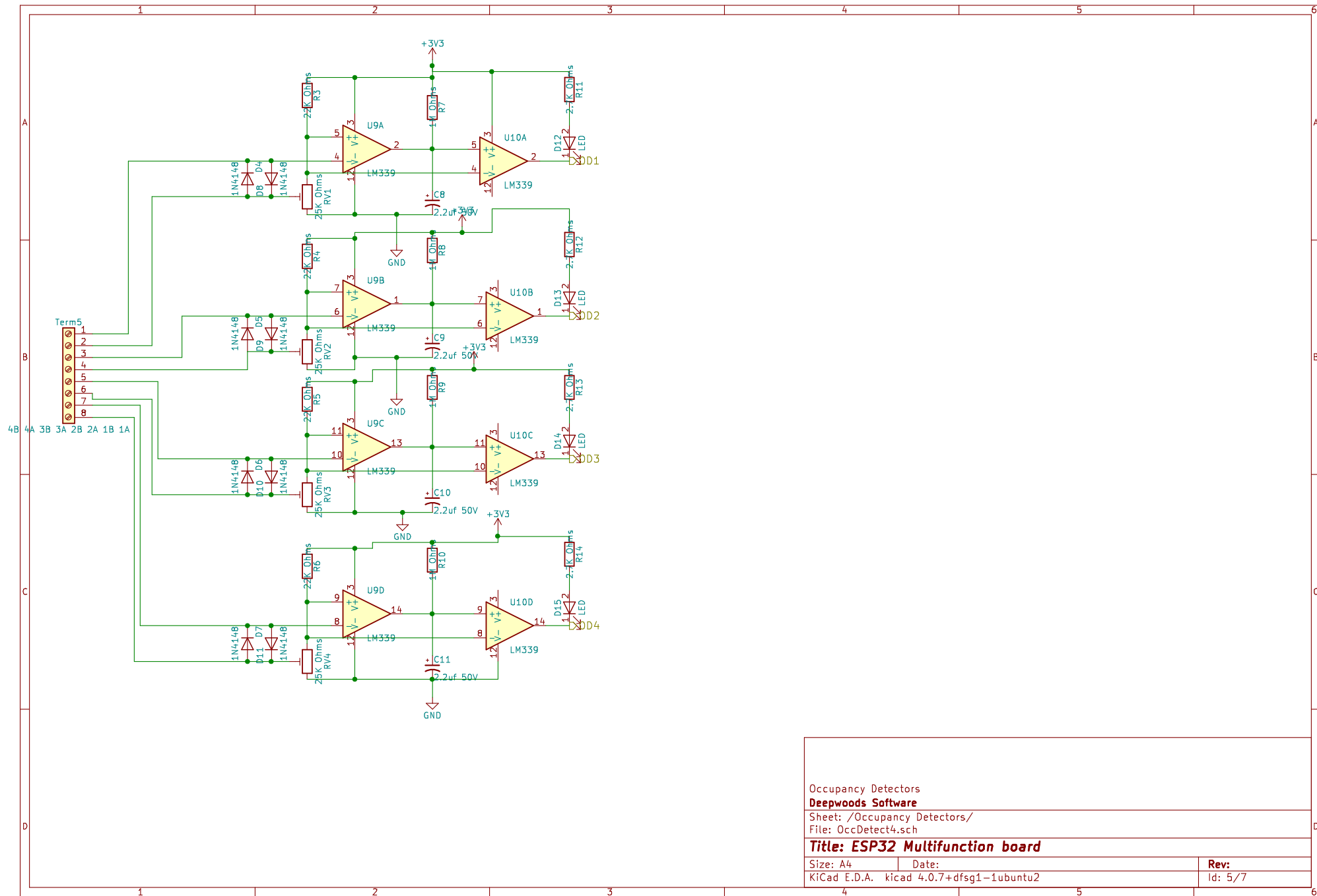
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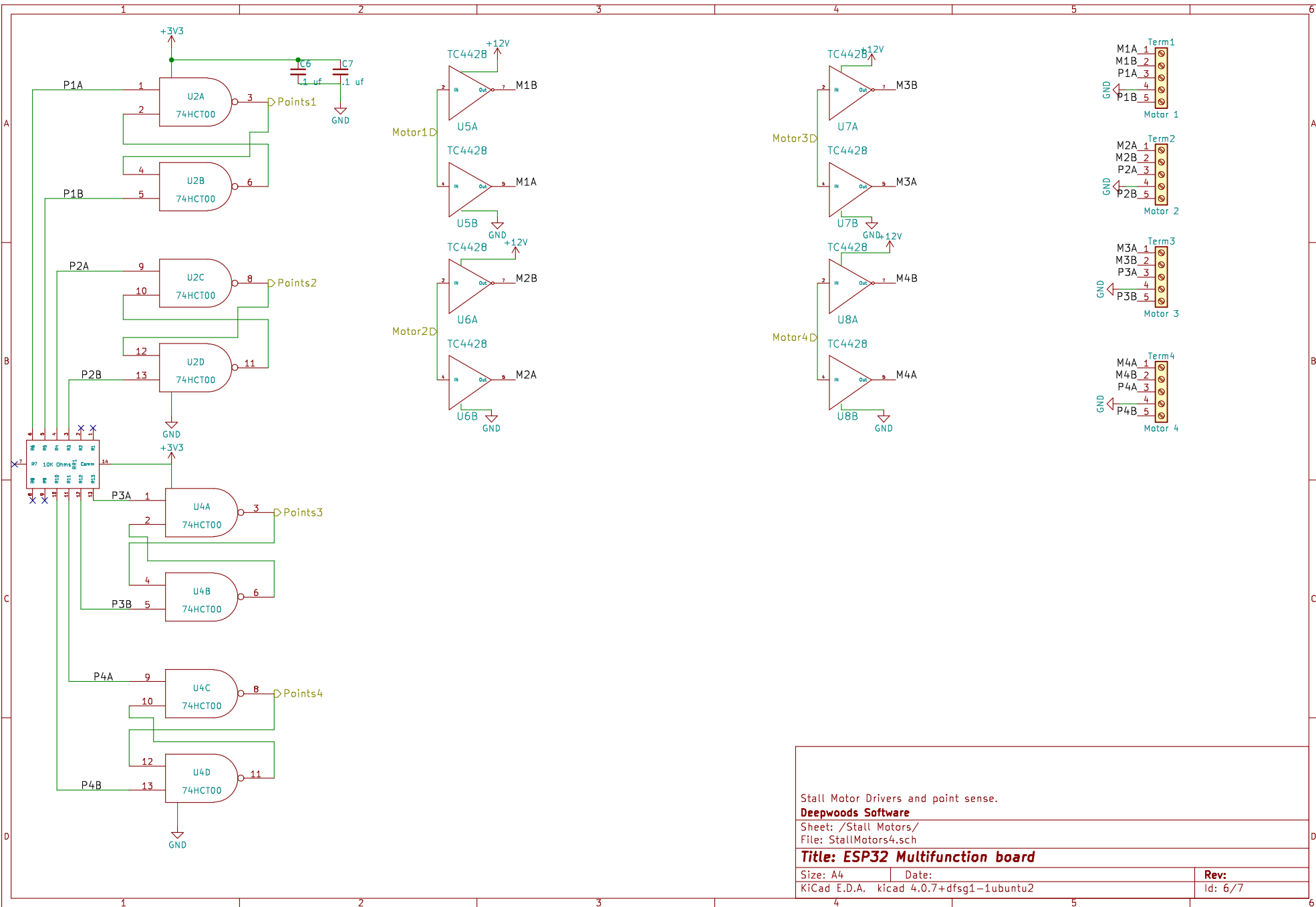
Date:

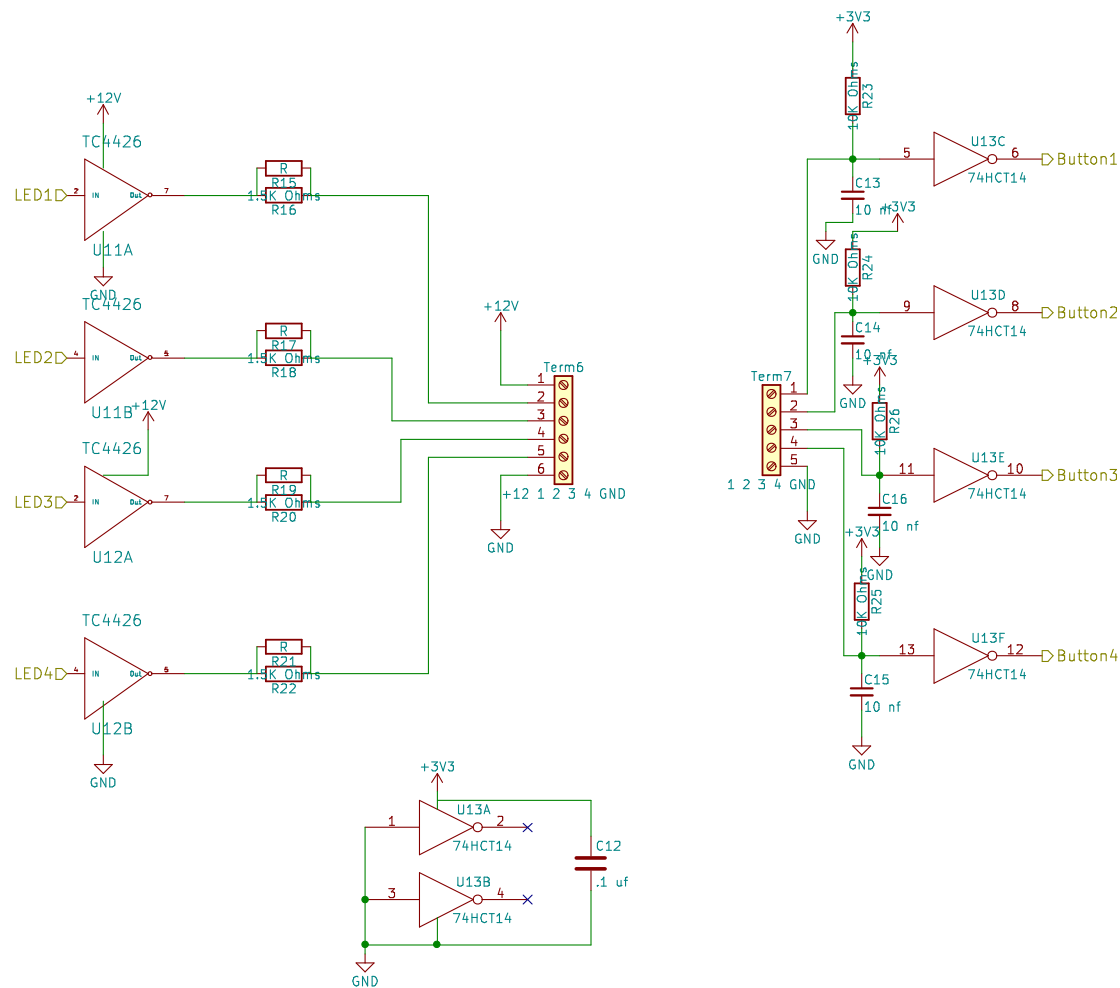
Rev:

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Id: 3/7







Generic Buttons and LEDs

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Sheet: /Buttons And LEDs/

File: Buttons4LEDs4.sch

Title: ESP32 Multifunction board

Size: A4

Date:

Rev:

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Id: 7/7