

Main Sheet

Deepwoods Software

Sheet: /

File: ESP32-S3-MultiFunction.sch

Title: ESP32 S3 Multifunction Board

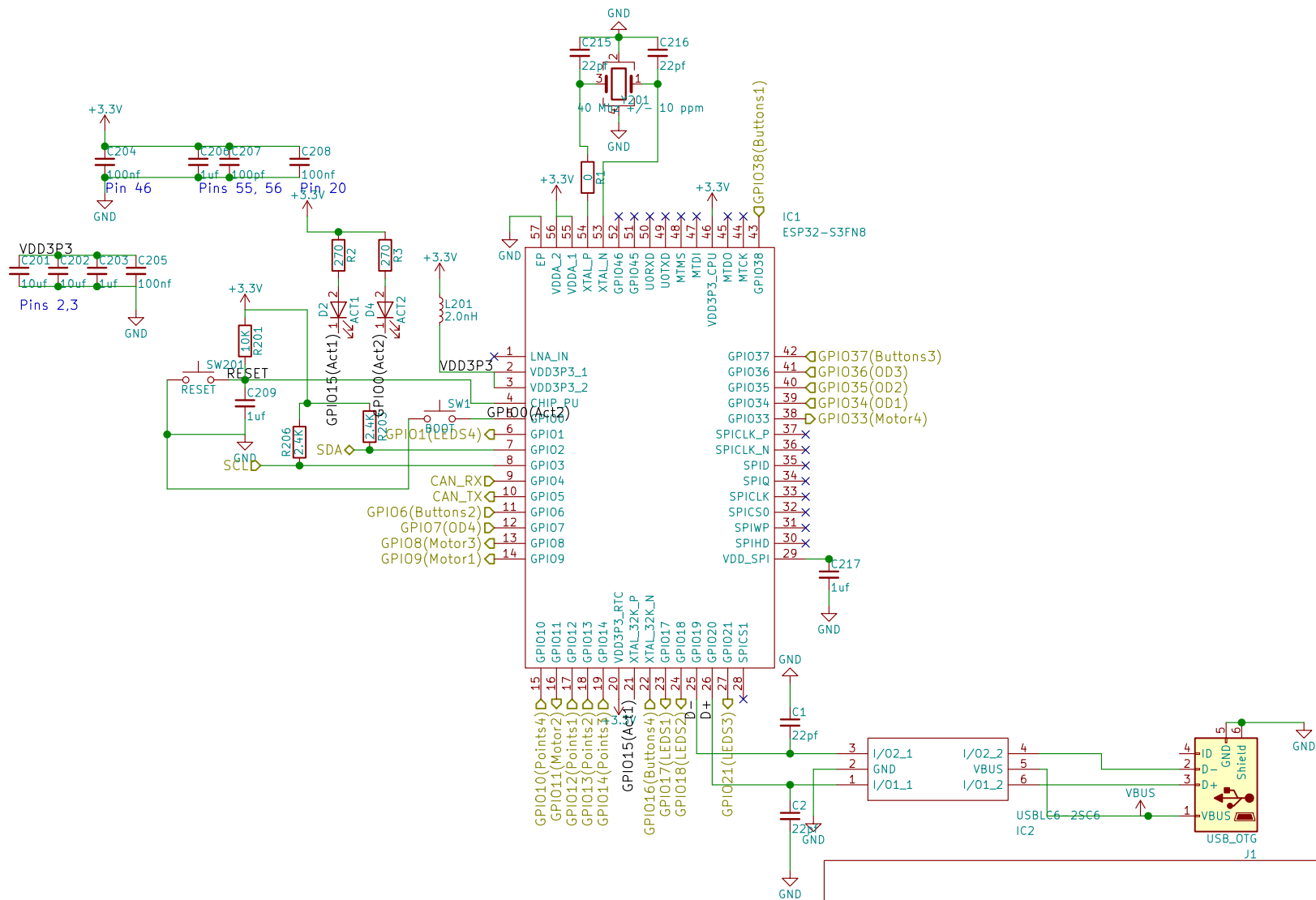
Size: USLetter

Date:

Rev: 1.0

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Id: 1/8



Deepwoods Software

Sheet: /ESP32 MCU/

File: ESP32-MCU.sch

Title: ESP32 S3 Multifunction Board

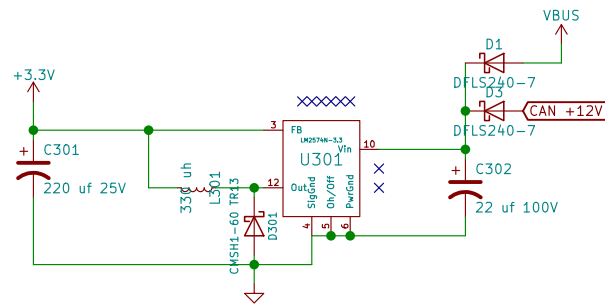
Size: A4

Date:

Rev: 1.0

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Id: 2/8



Power Supply

Deepwoods Software

Sheet: /Power Supply/

File: PowerSupply.sch

Title: ESP32 S3 Multifunction Board

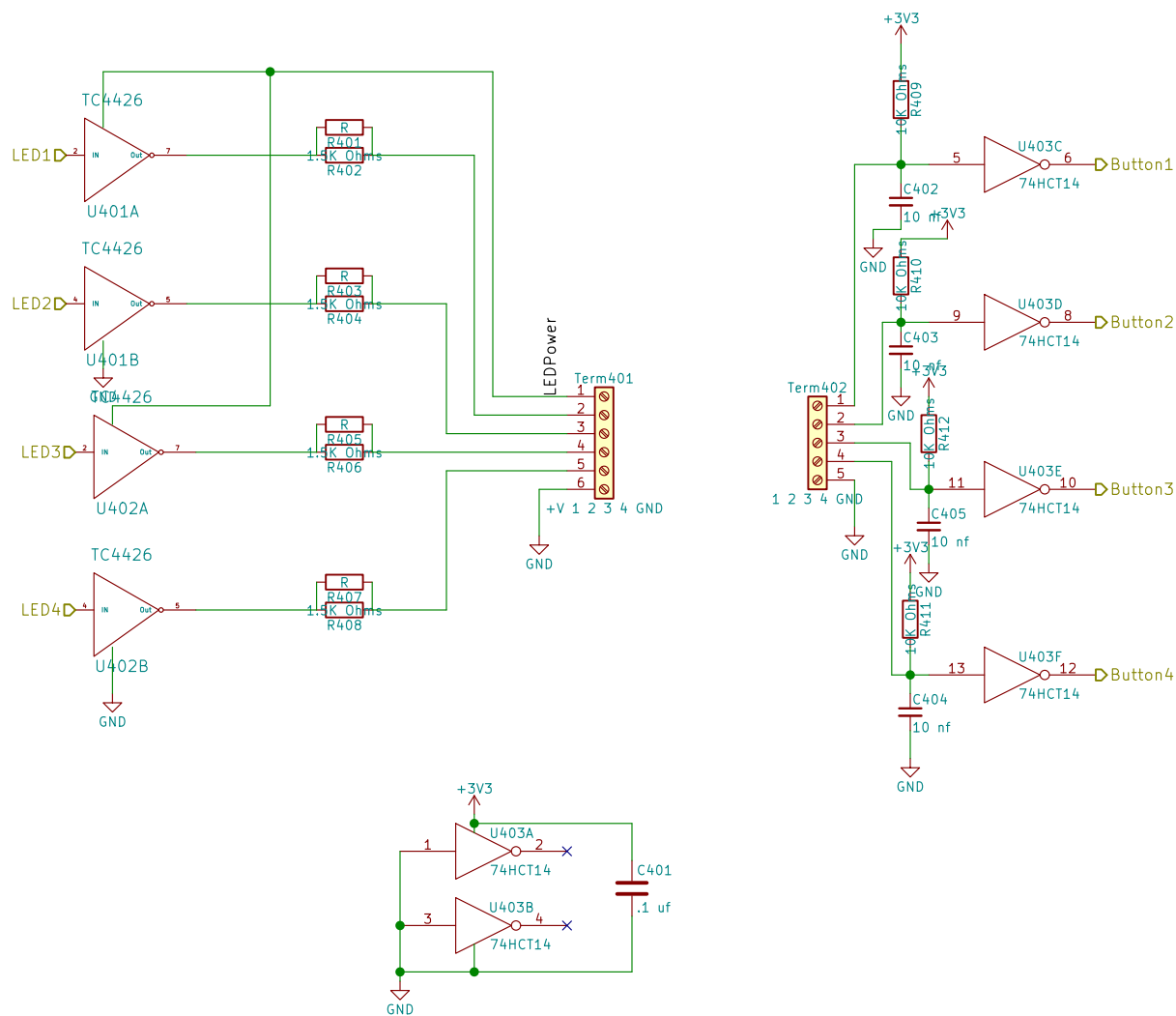
Size: USLetter

Date:

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Rev: 1.0

Id: 3/8



Generic Buttons and LEDs

Deepwoods Software

Sheet: /Buttons and LEDs/

File: Buttons4LEDs4.sch

Title: ESP32 S3 Multifunction Board

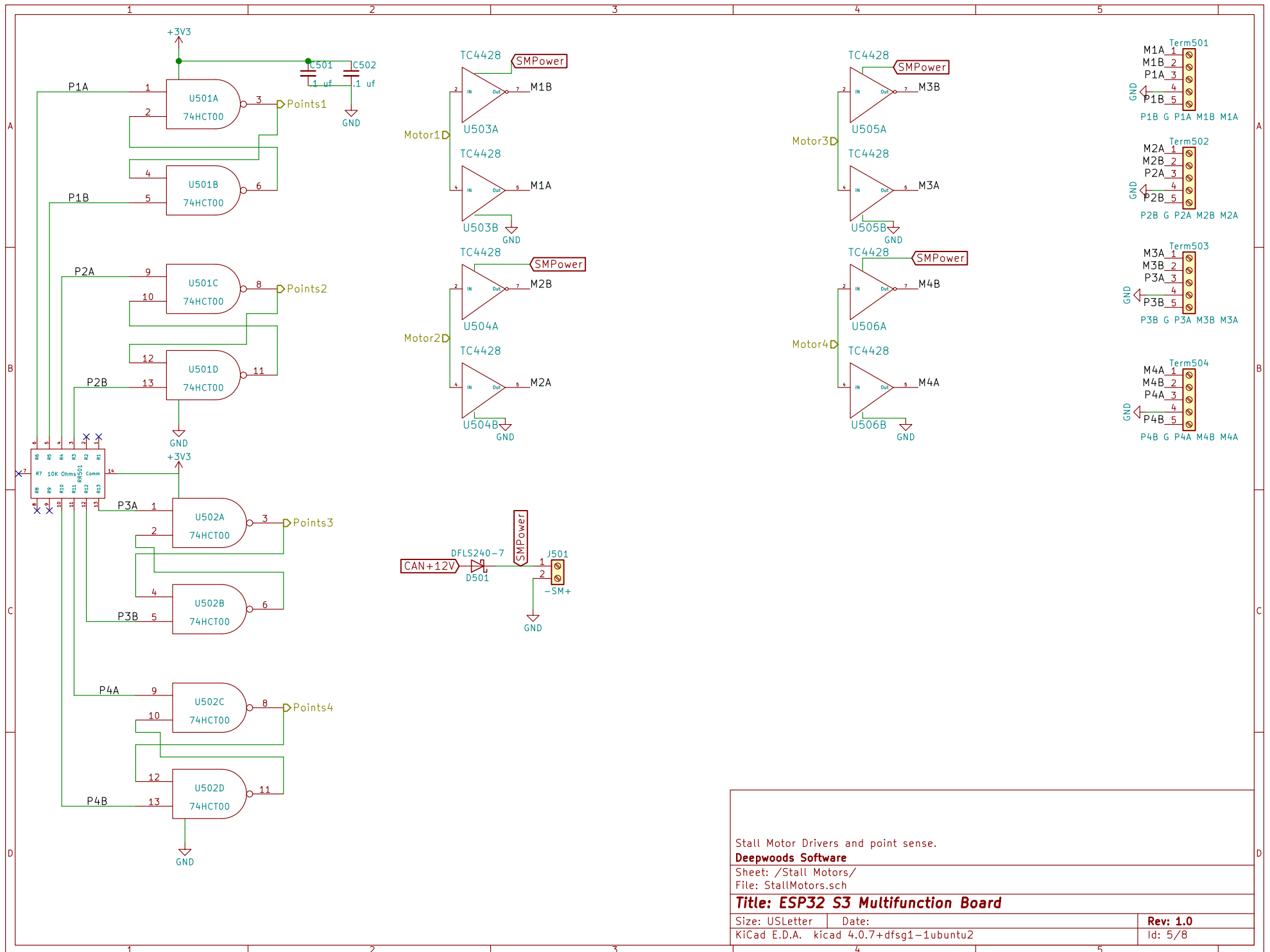
Size: USLetter

Date:

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Rev: 1.0

Id: 4/8



Stall Motor Drivers and point sense.

Deepwoods Software

Sheet: /Stall Motors/

File: StallMotors.sch

Title: ESP32 S3 Multifunction Board

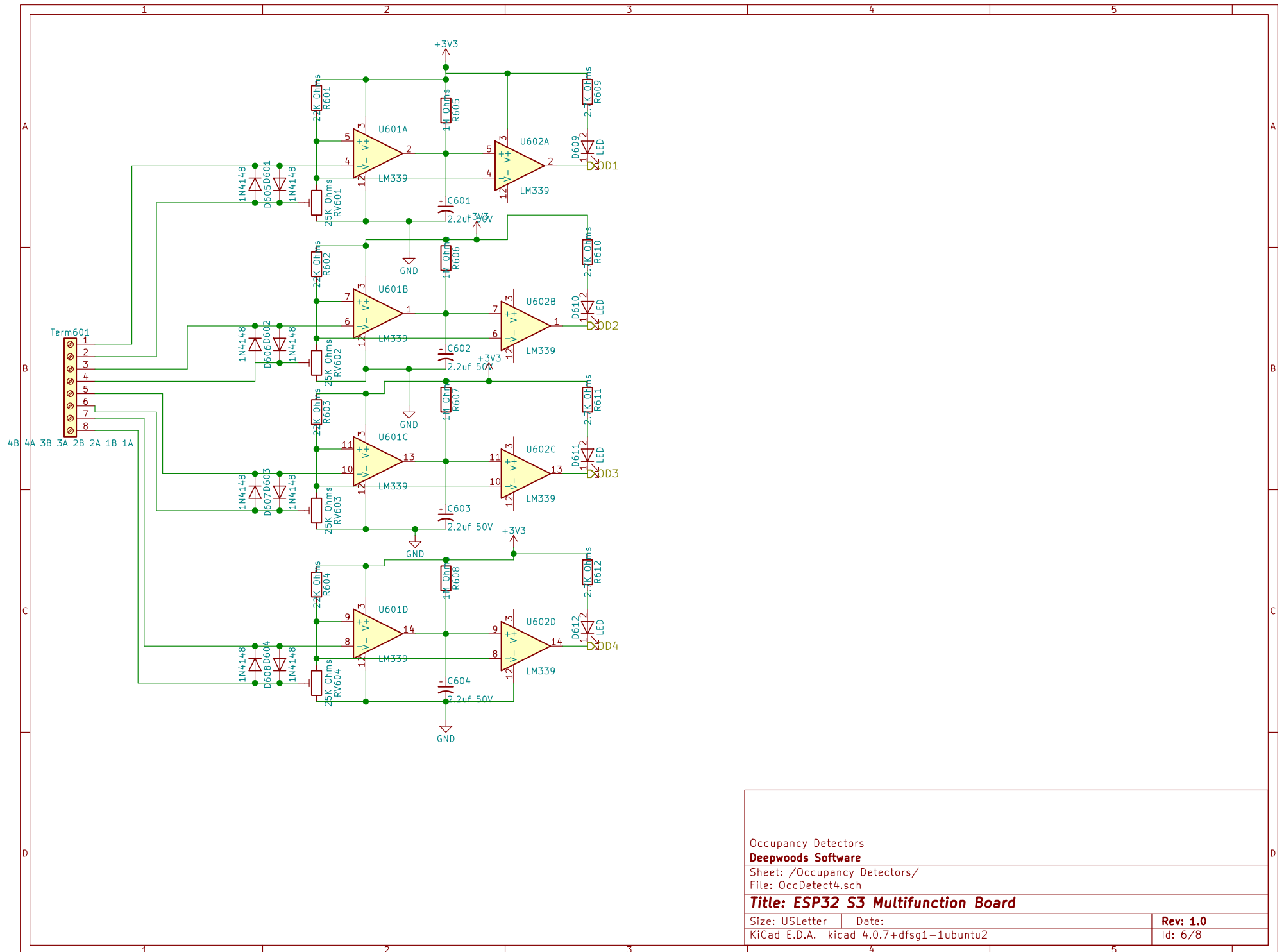
Size: USLetter

Date:

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Rev: 1.0

Id: 5/8



Occupancy Detectors

Deepwoods Software

Sheet: /Occupancy Detectors/

File: OccDetect4.sch

Title: ESP32 S3 Multifunction Board

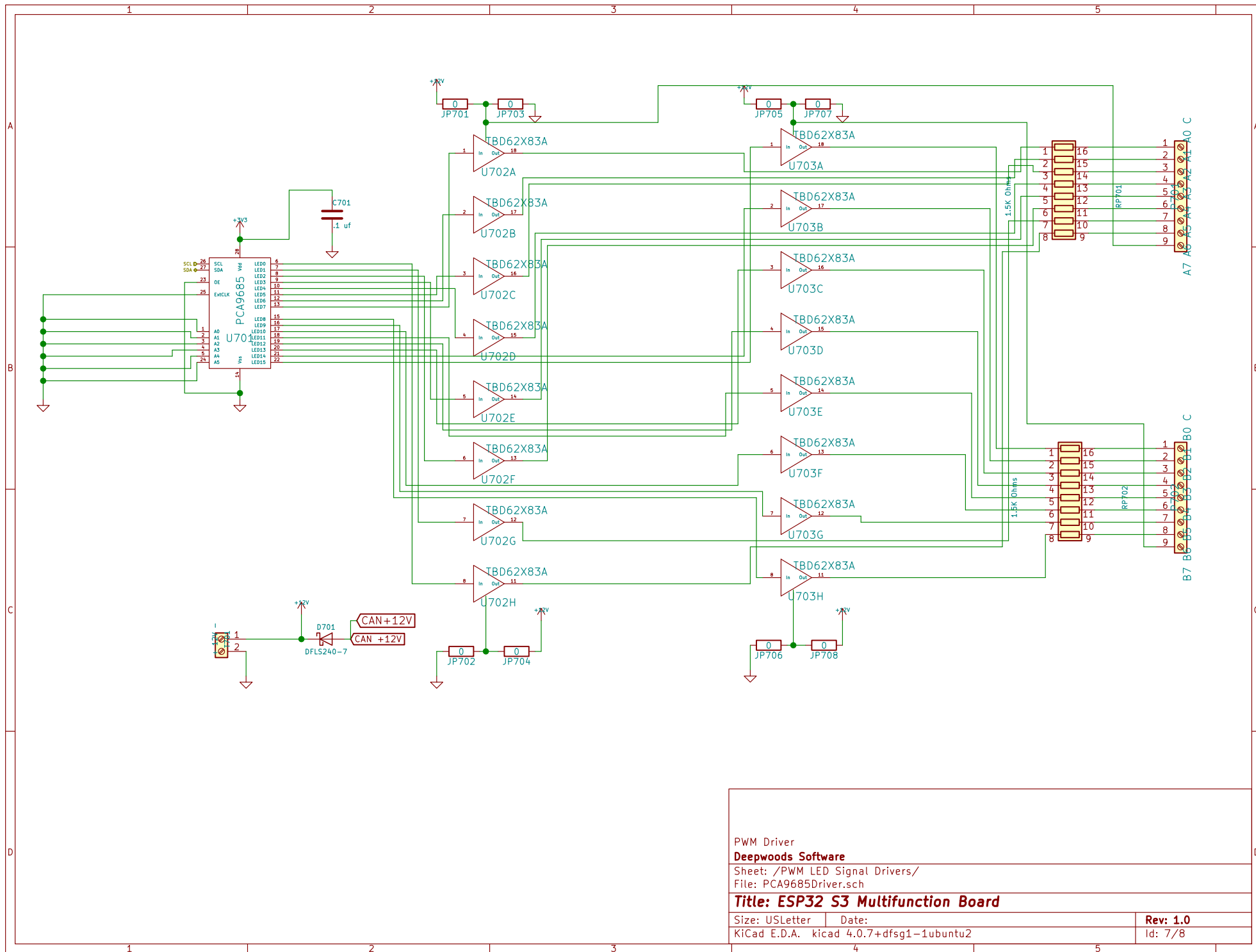
Size: USLetter

Date:

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Rev: 1.0

Id: 6/8



PWM Driver

Deepwoods Software

Sheet: /PWM LED Signal Drivers/

File: PCA9685Driver.sch

Title: ESP32 S3 Multifunction Board

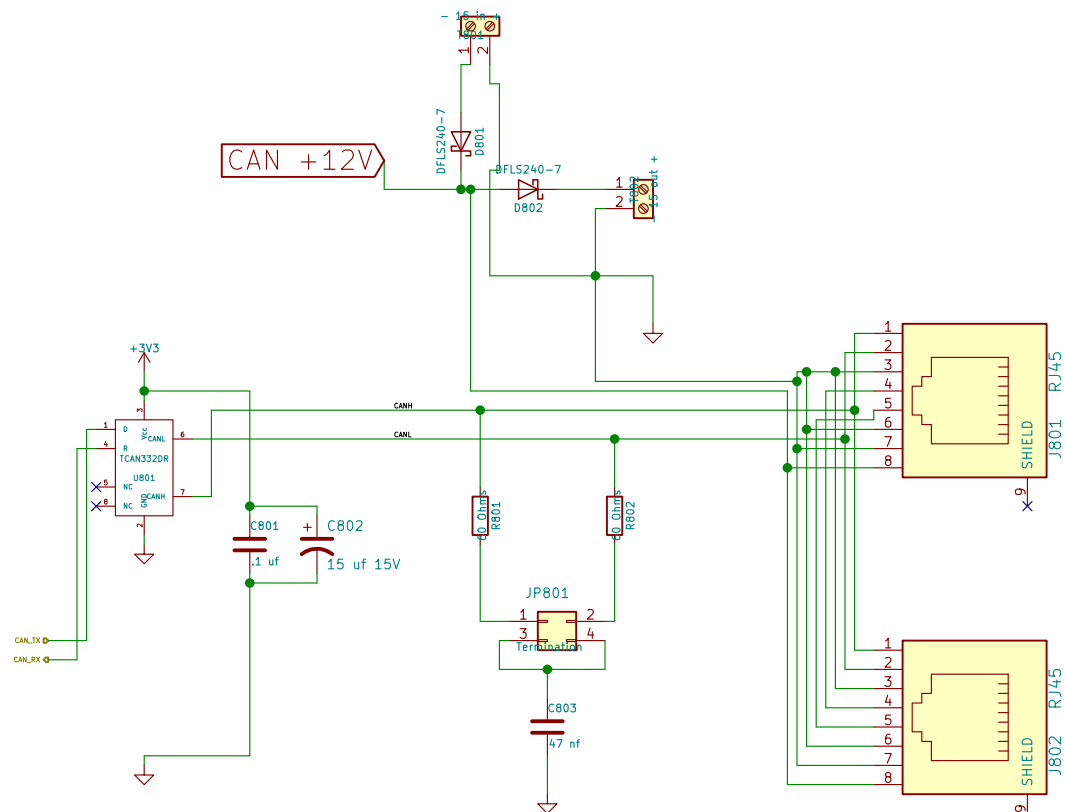
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Date:

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Rev: 1.0

Id: 7/8



CAN Transceiver

Deepwoods Software

Sheet: /CAN Transceiver/

File: CAN_Transceiver.sch

Title: ESP32 S3 Multifunction Board

Size: USLetter

Date:

KiCad E.D.A. kicad 4.0.7+dfsg1-1ubuntu2

Rev: 1.0

Id: 8/8