Sheet: MCU

File: MCU.sch

Sheet: Steppers

File: Steppers.sch

Sheet: Power

File: Power.sch

Sheet: FETs

File: FETs.sch

Sheet: Thermistors

File: Thermistors.sch

Sheet: Endstops

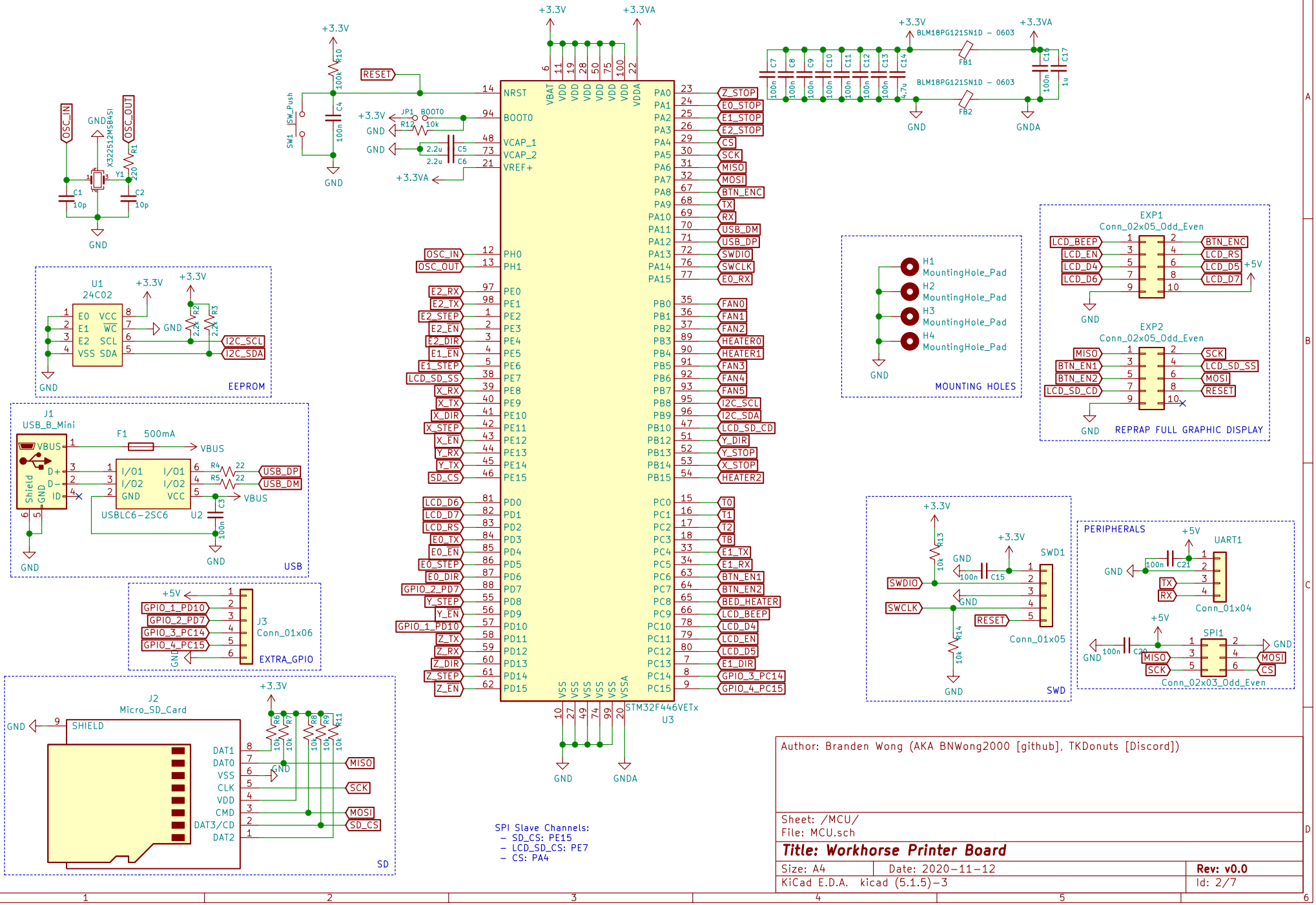
File: Endstops.sch

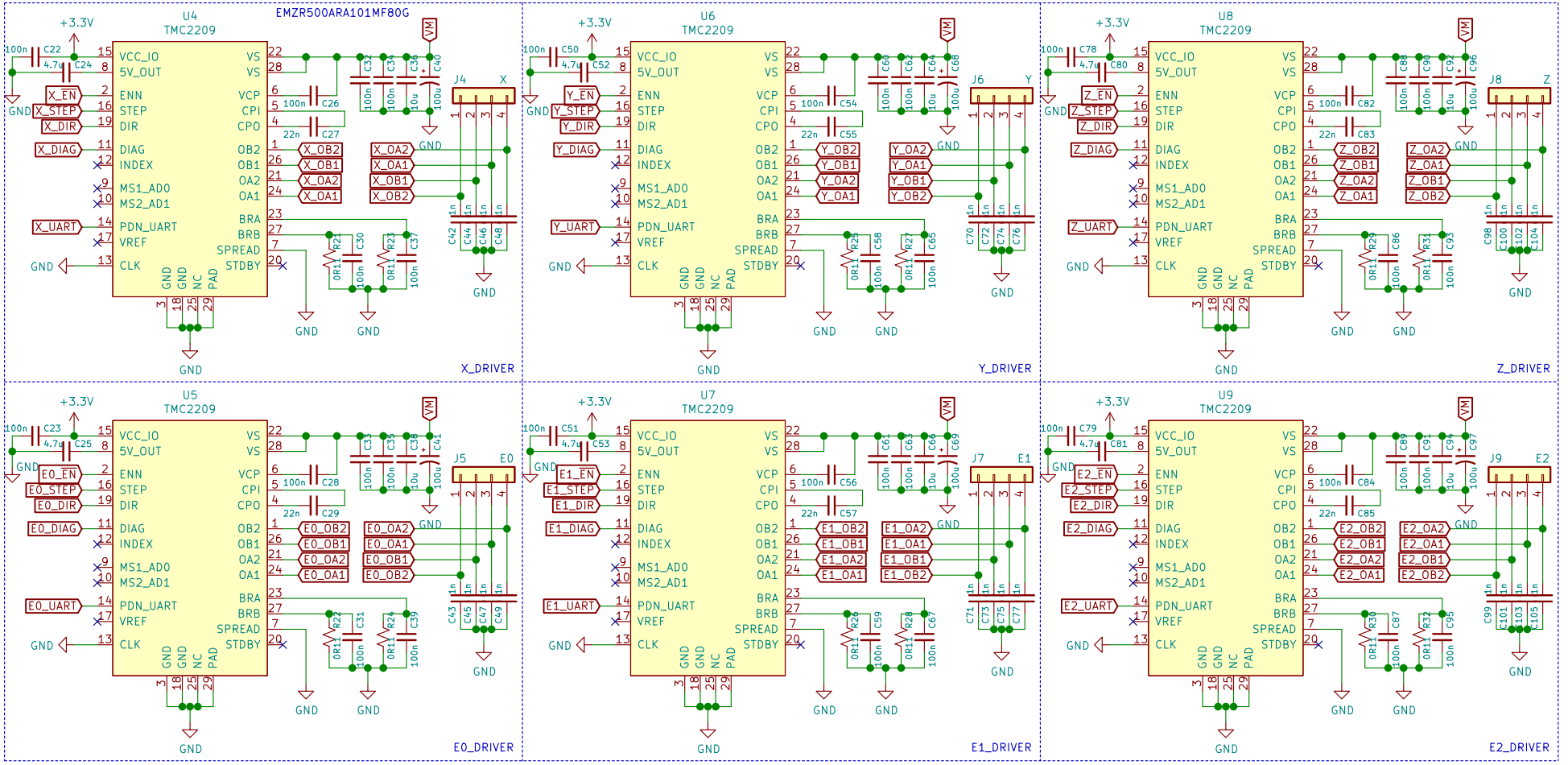
Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])

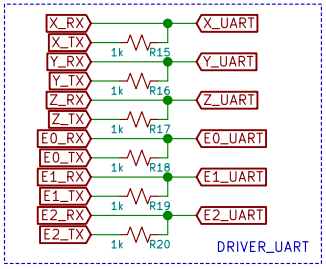
Sheet: /
File: WorkhorseBoard.sch

Title: Workhorse Printer Board

Size: A4	Date: 2020-11-12	**Rev: v0.0**
KiCad E.D.A. kicad (5.1.5)-3		Id: 1/7


STM32F446VETx
U3
EEPROM
USB
MOUNTING HOLES
REPRAP FULL GRAPHIC DISPLAY
EXTRA_GPIO
SD
SWD
PERIPHERALS
SPI Slave Channels:
– SD_CS: PE15
– LCD_SD_CS: PE7
– CS: PA4
Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])
Sheet: /MCU/
File: MCU.sch
Title: Workhorse Printer Board
Size: A4
Date: 2020-11-12
Rev: v0.0
KiCad E.D.A. kicad (5.1.5)-3
Id: 2/7



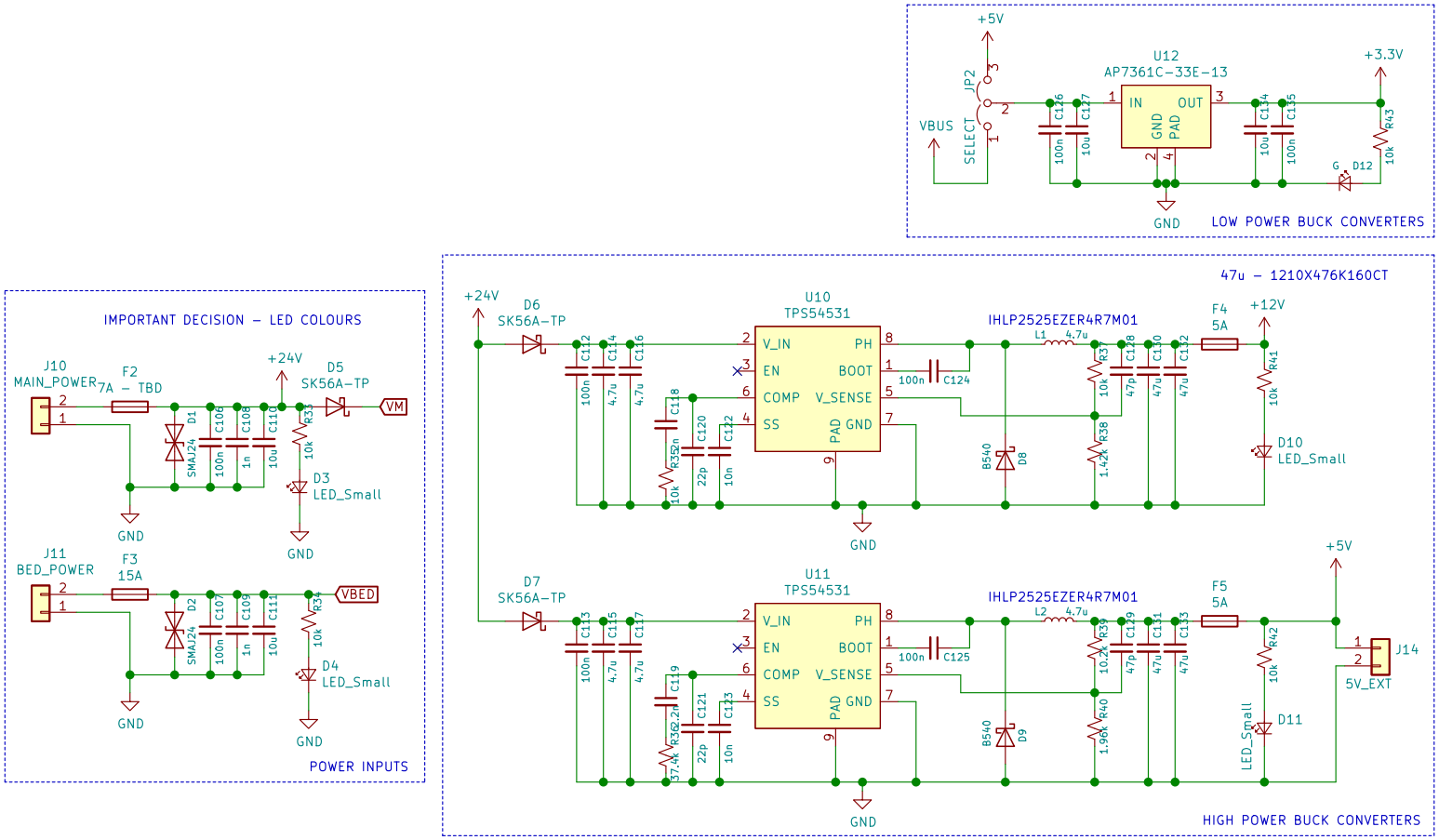


Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])

Sheet: /Steppers/
File: Steppers.sch

Title: Workhorse Printer Board

Size: A4	Date: 2020-11-12	**Rev: v0.0**
KiCad E.D.A. kicad (5.1.5)-3		Id: 3/7

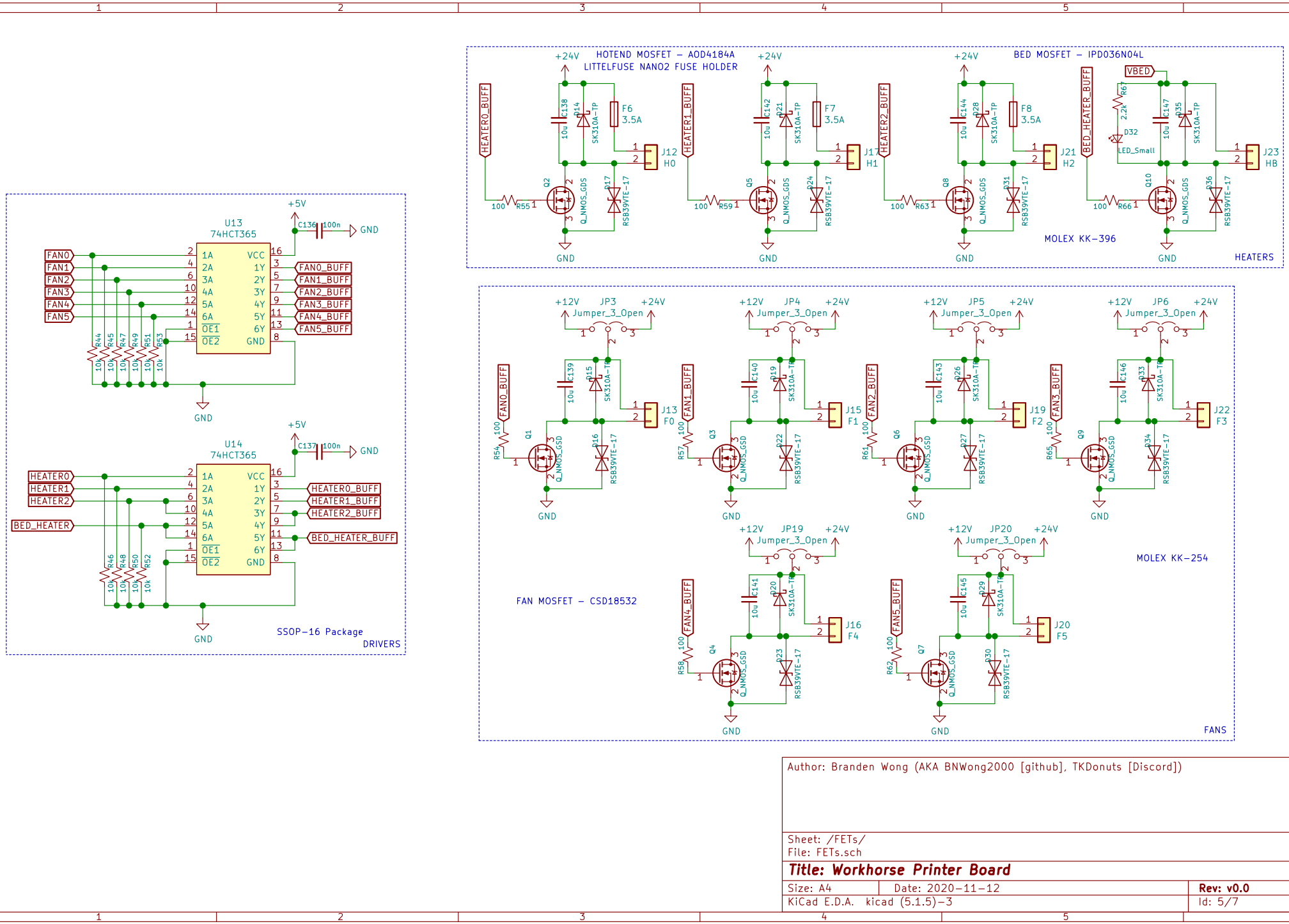


Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])

Sheet: /Power/
File: Power.sch

Title: Workhorse Printer Board

Size: A4	Date: 2020-11-12	**Rev: v0.0**
KiCad E.D.A. kicad (5.1.5)-3		Id: 4/7

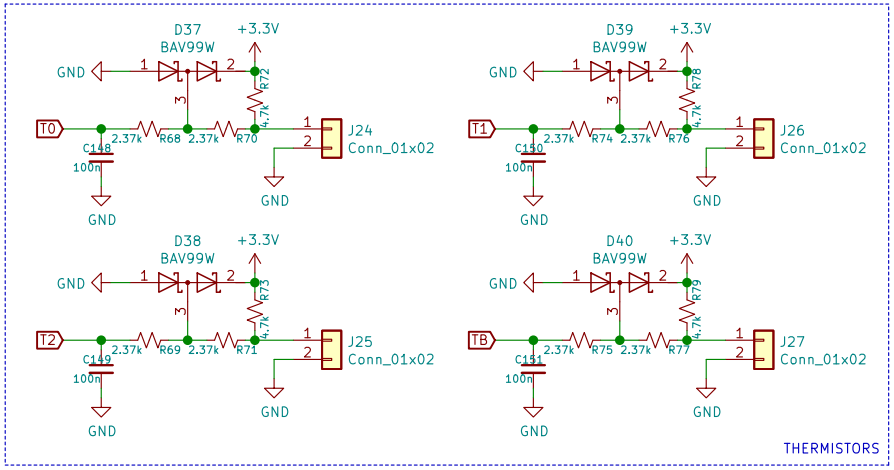


Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])

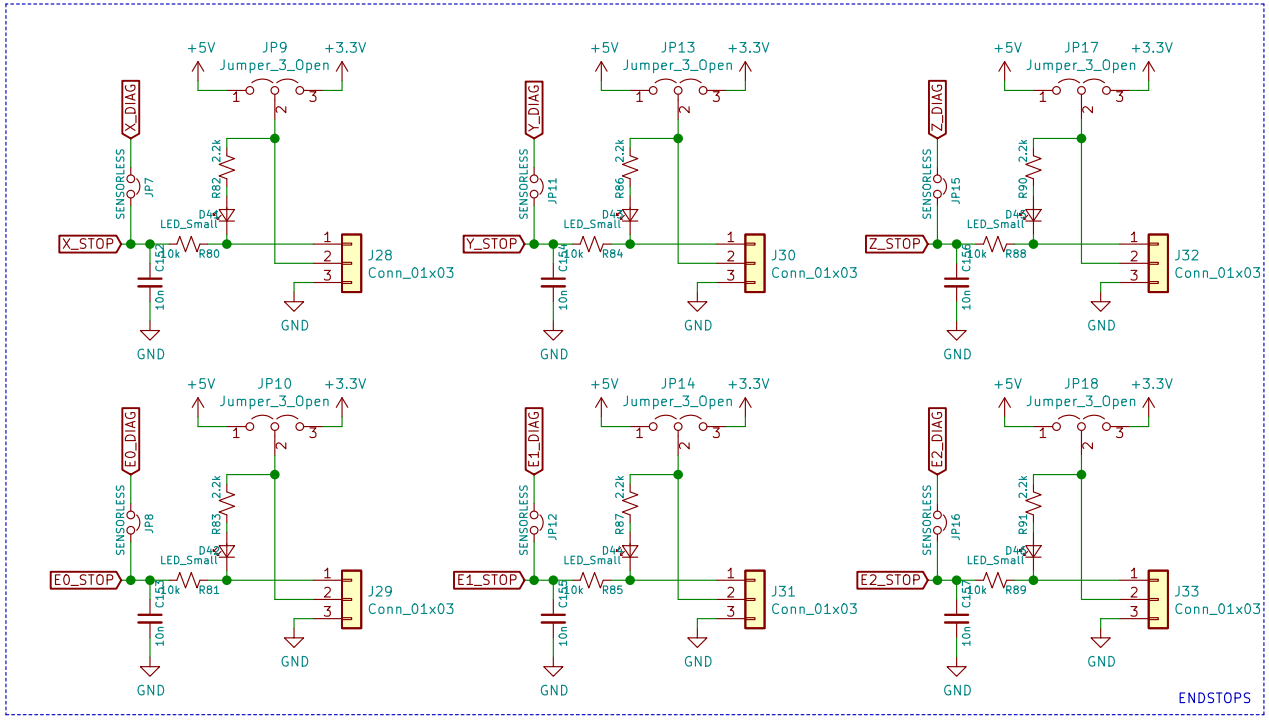
Sheet: /FETs/
File: FETs.sch

Title: Workhorse Printer Board

Size: A4	Date: 2020-11-12	**Rev: v0.0**
KiCad E.D.A. kicad (5.1.5)-3		Id: 5/7



Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])		
Sheet: /Thermistors/ File: Thermistors.sch		
Title: Workhorse Printer Board		
Size: A4	Date: 2020-11-12	**Rev: v0.0**
KiCad E.D.A. kicad (5.1.5)-3		Id: 6/7



Author: Branden Wong (AKA BNWong2000 [github], TKDonuts [Discord])

Sheet: /Endstops/
File: Endstops.sch

Title: Workhorse Printer Board

Size: A4	Date: 2020-11-12	**Rev: v0.0**
KiCad E.D.A. kicad (5.1.5)-3		Id: 7/7