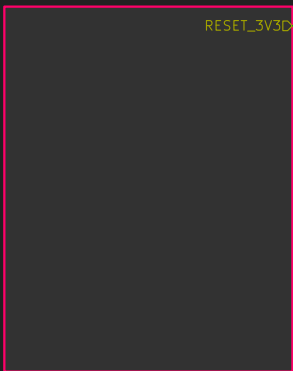


TMC2590 Evaluation Board

BUCK CONVERTER

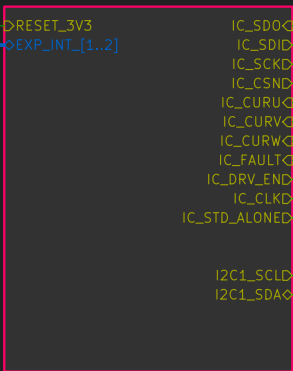
BUCK_Converter



File: BUCK_Converter.kicad_sch

STM32

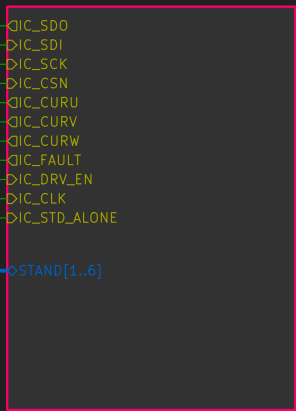
Microcontroller



File: Microcontroller.kicad_sch

TMC6200

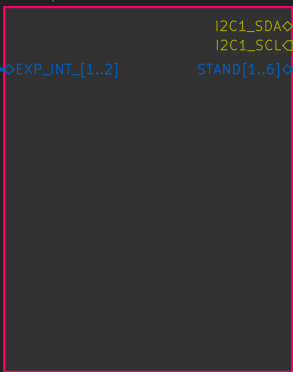
BLDC_MOTOR



File: BLDC_MOTOR.kicad_sch

IO EXPANDER

IO Expander



File: IO_Expander.kicad_sch

RESET_3V3D

RESET_3V3
EXP_INT_[1..2]

IC_SDO
IC_SDI
IC_SCK
IC_CSN
IC_CURU
IC_CURV
IC_CURW
IC_FAULT
IC_DRV_EN
IC_CLK
IC_STD_ALONE

IC_SDO
IC_SDI
IC_SCK
IC_CSN
IC_CURU
IC_CURV
IC_CURW
IC_FAULT
IC_DRV_EN
IC_CLK
IC_STD_ALONE

I2C1_SCL
I2C1_SDA

STAND[1..6]

EXP_INT_[1..2]

I2C1_SDA
I2C1_SCL
STAND[1..6]

Zaprojektowane z pasji, zaprojektowane w Polsce
patryk58111@gmail.com
+48 731 375 090
Patrik Rzońca
QUASI PEAK

Sheet: /
File: eval_board_tmc6200-ta.kicad_sch

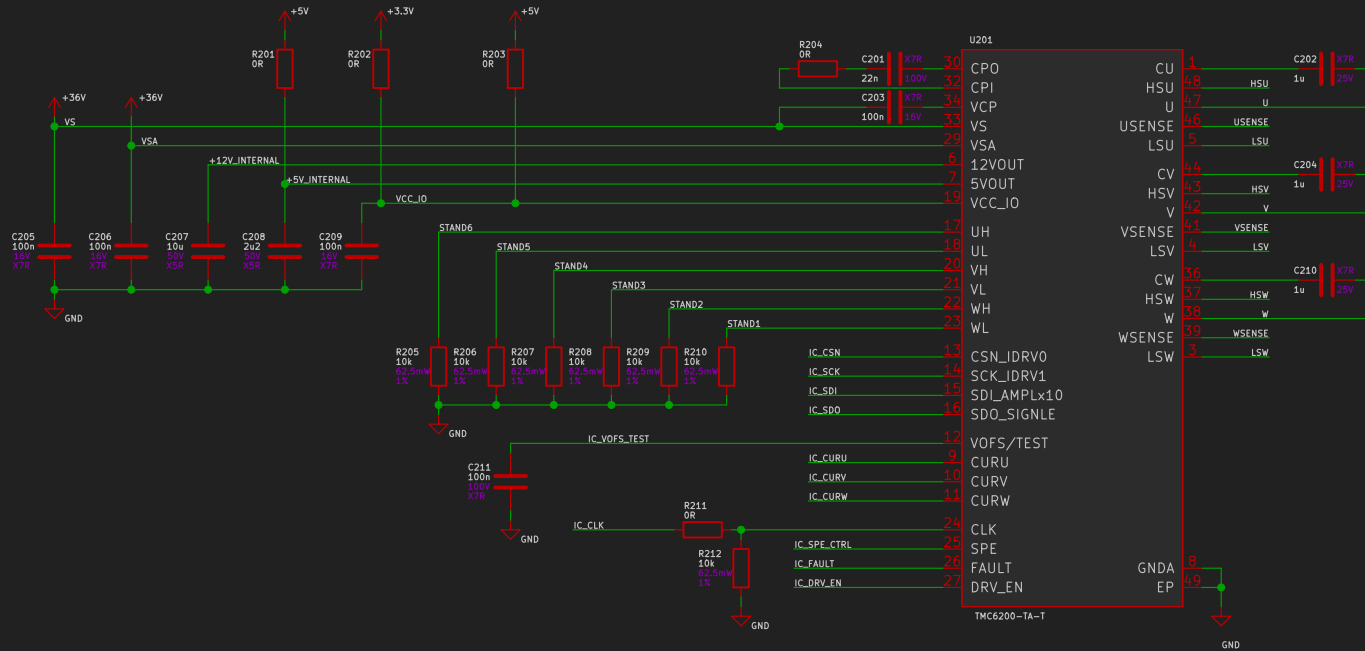
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Size: A4
KiCad: E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1

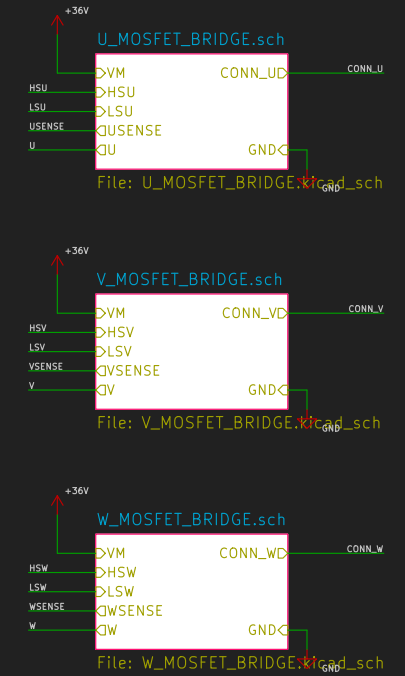
Date: 2021-09-03
Rev: ED A0
Id: 1/8

BLDC MOTOR DRIVER

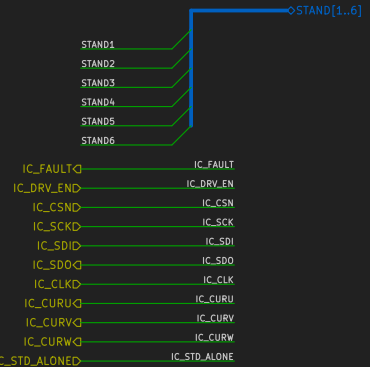
Main IC with base configuration



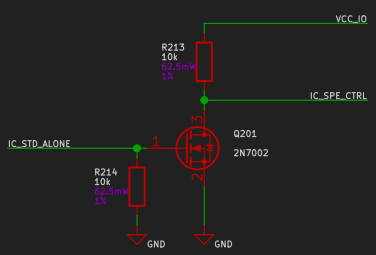
Phase motor sheets



Output harness



Change mod circuit



Design notes

Zaprojektowane z pasji, zaprojektowane w Polsce
 patryk58111@gmail.com
 +48 731 375 090
 Patryk Rzońca
QUASI PEAK
 Sheet: /BLDC_MOTOR/
 File: BLDC_MOTOR.kicad_sch
Title: TMC6200-TA-T Eval Board
 Size: A4 Date: 2021-09-03
 KiCad: E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1
 Rev: ED A0
 Id: 5/8

