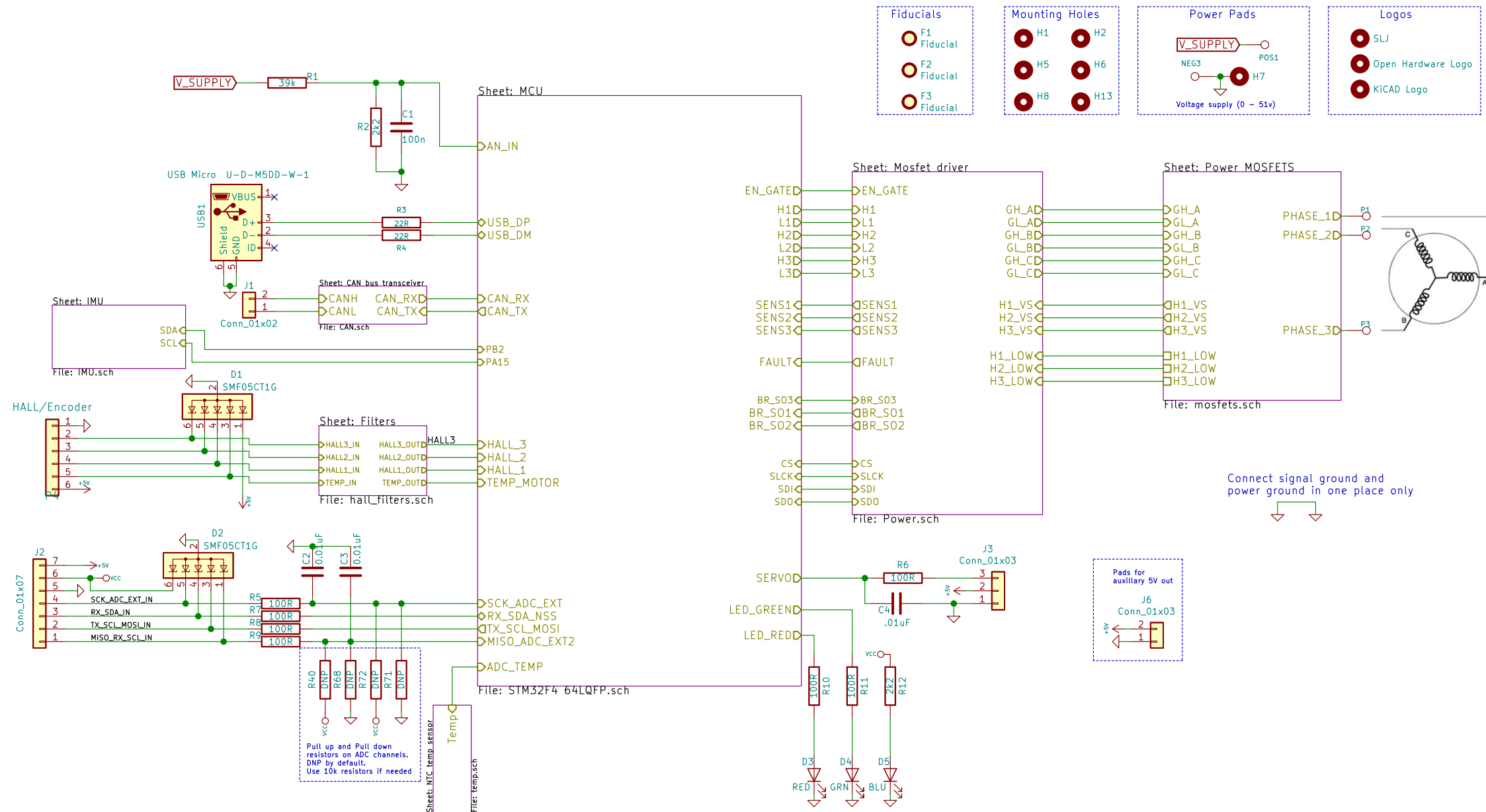
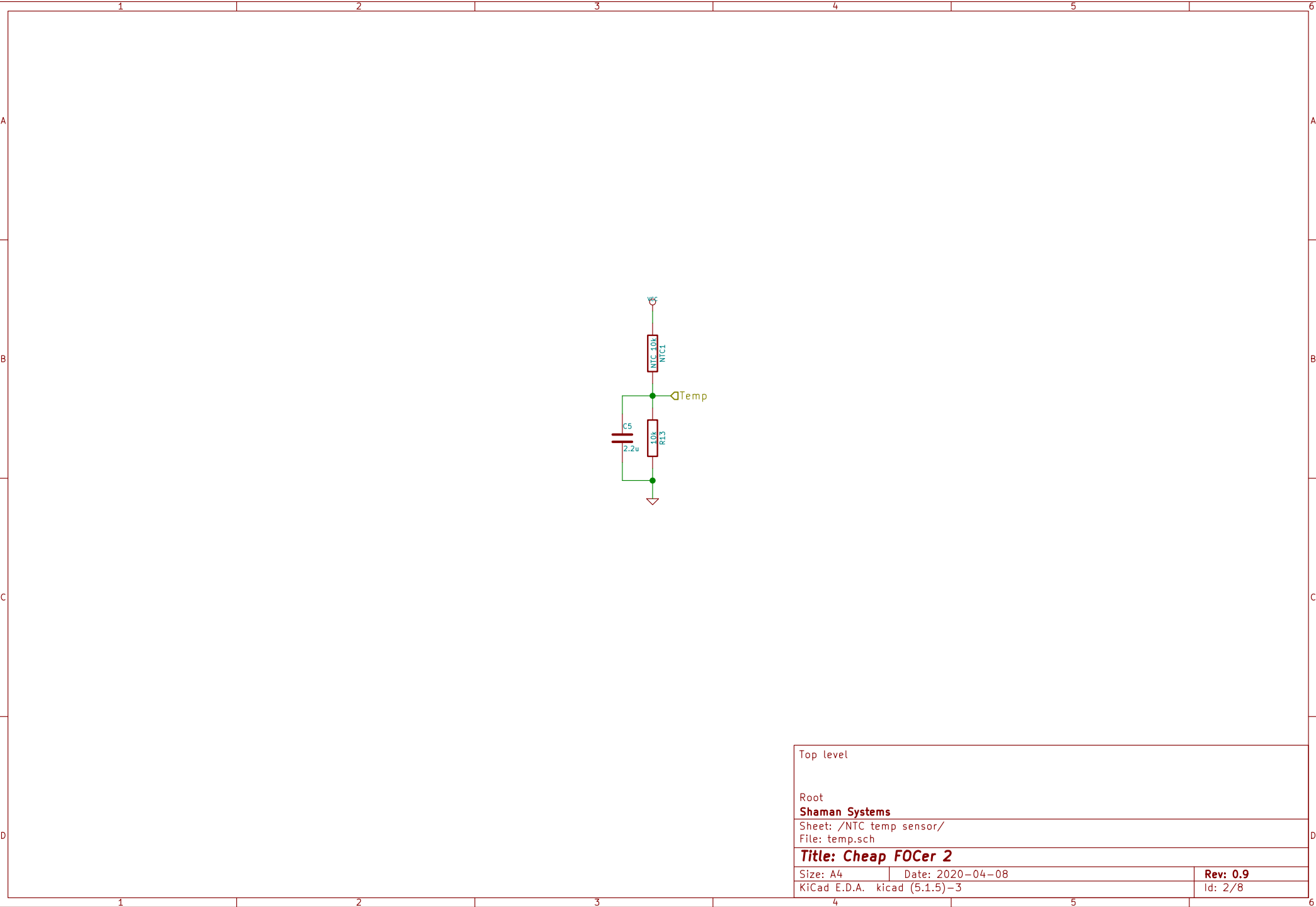


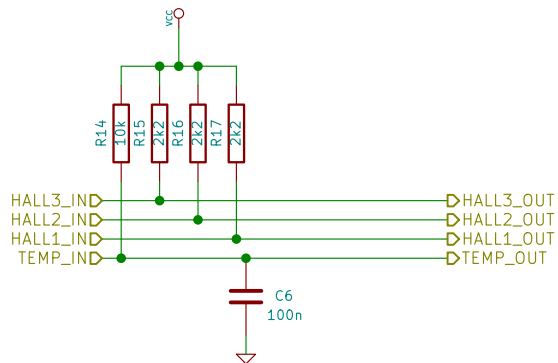
Cheap FOCer 2



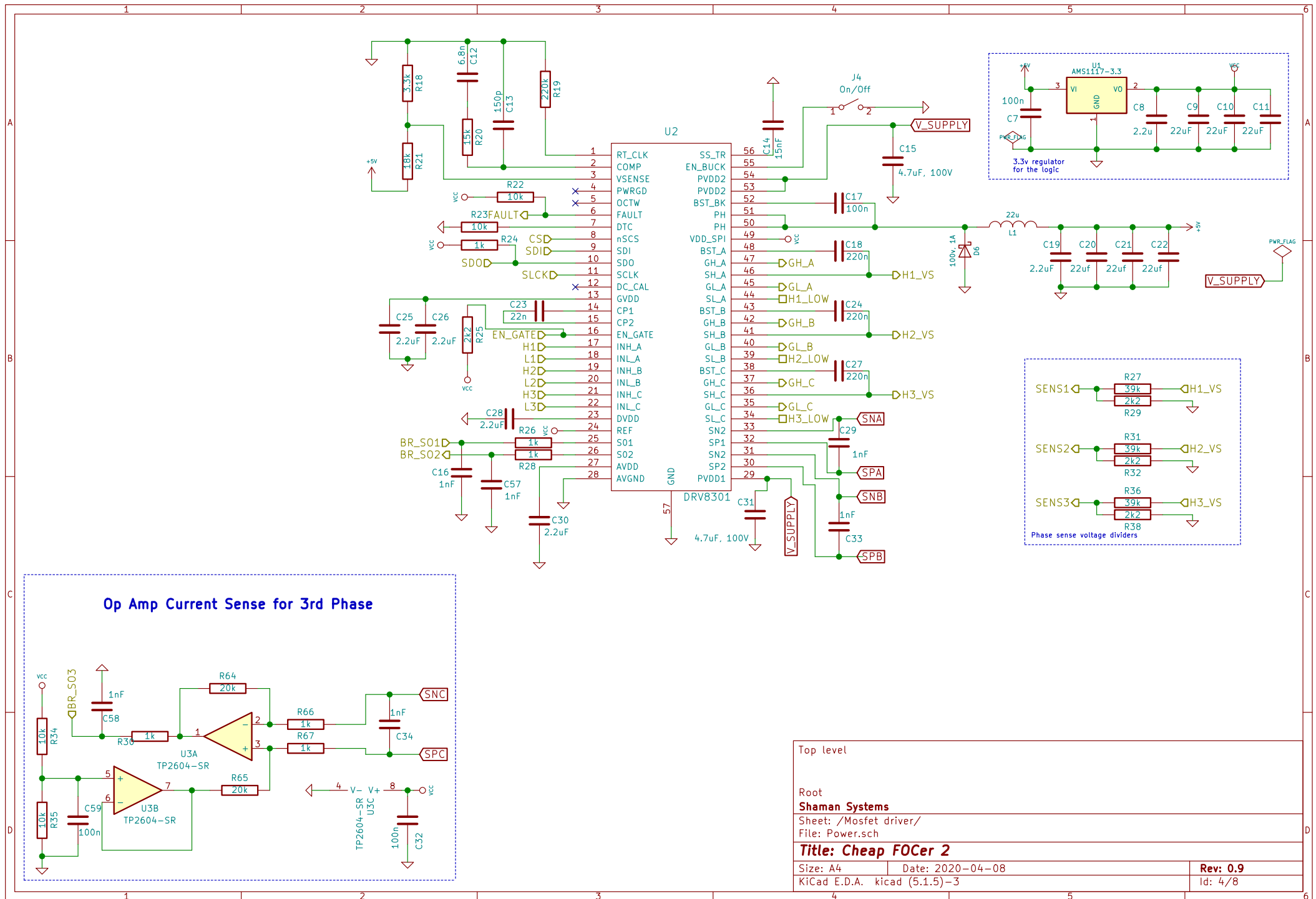
Top level		
Root		
Shaman Systems		
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File: Cheap FOCer 2 60mm.sch		
Title: Cheap FOCer 2		
Size: A3	Date: 2020-04-08	Rev: 0.9
KiCad E.D.A. kicad (5.1.5)-3		Id: 1/8

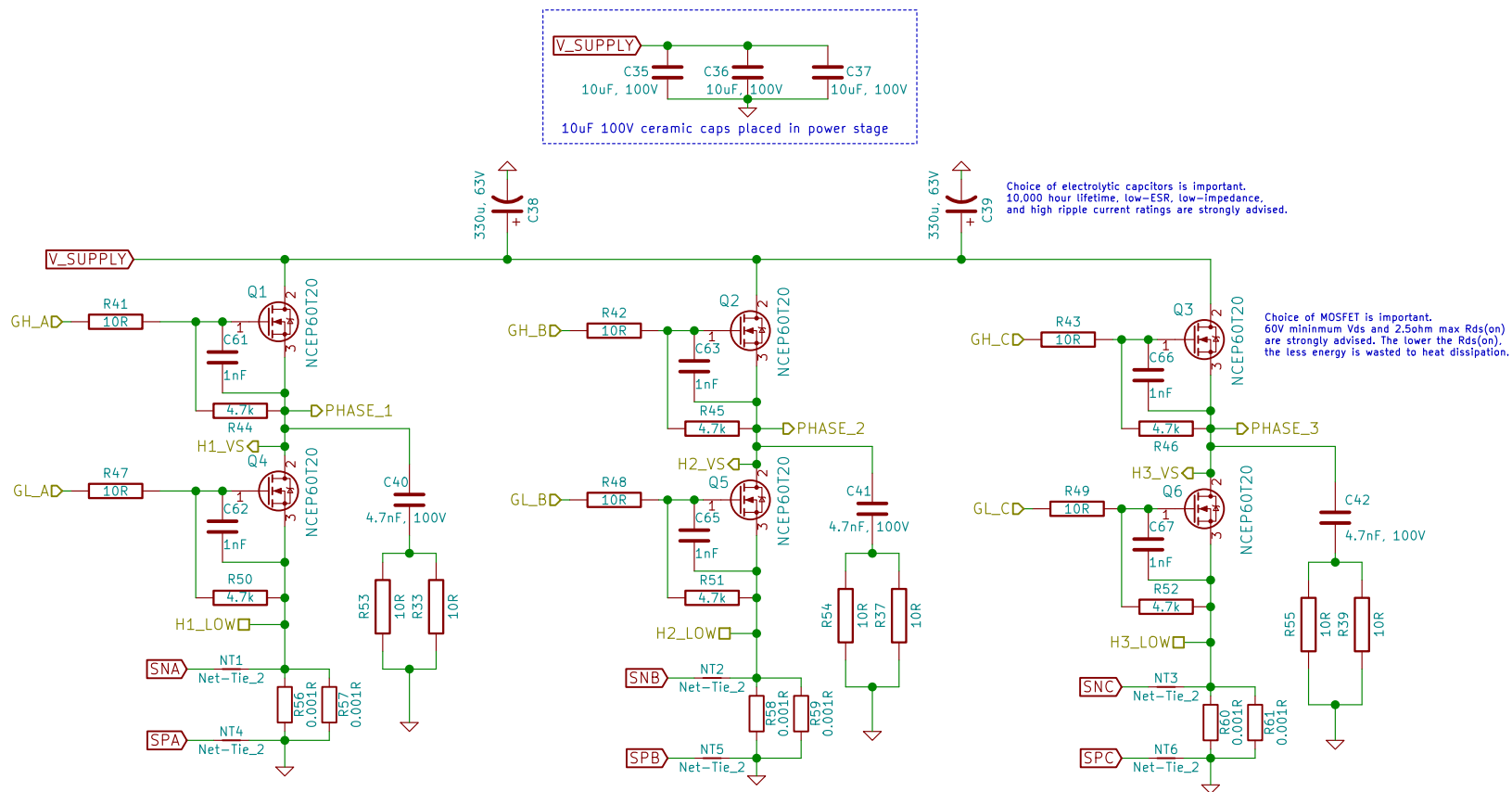


Top level		
Root		
Shaman Systems		
Sheet: /NTC temp sensor/		
File: temp.sch		
Title: Cheap FOCer 2		
Size: A4	Date: 2020-04-08	Rev: 0.9
KiCad E.D.A. kicad (5.1.5)-3		Id: 2/8



Top level		
Root		
Shaman Systems		
Sheet: /Filters/		
File: hall_filters.sch		
Title: Cheap FOCer 2		
Size: User	Date: 2020-04-08	Rev: 0.9
KiCad E.D.A. kicad (5.1.5)-3		Id: 3/8





Top level

Root
Shaman Systems

Sheet: /Power MOSFETS/
File: mosfets.sch

Title: Cheap FOCer 2

Size: A4 Date: 2020-04-08

KiCad E.D.A. kicad (5.1.5)-3

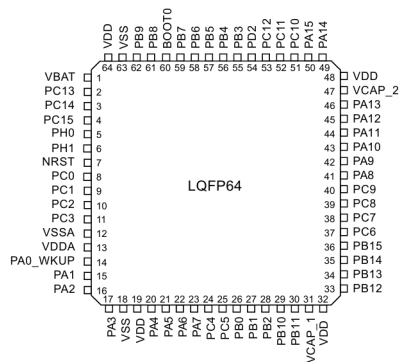
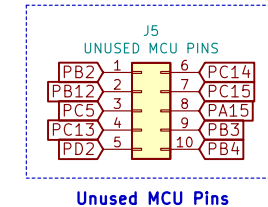
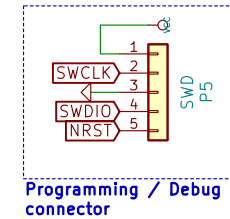
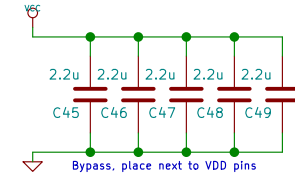
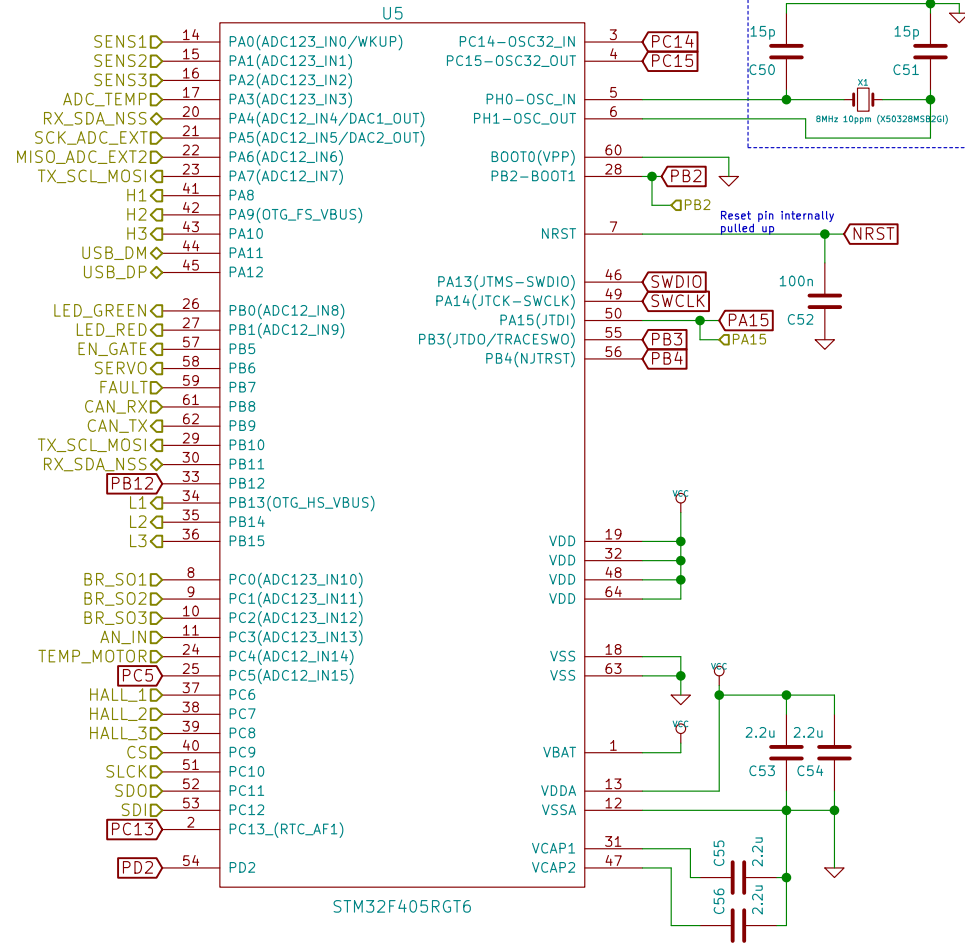
Rev: 0.9

Id: 5/8



STM32F405xx STM32F407xx

ARM Cortex-M4 32b MCU+FPU, 210DMIPS, up to 1MB Flash/192+4KB RAM, USB
OTG HS/FS, Ethernet, 17 TIMs, 3 ADCs, 15 comm. interfaces & camera



Top level

Root

Shaman Systems

Sheet: /MCU/

File: STM32F4_64LQFP.sch

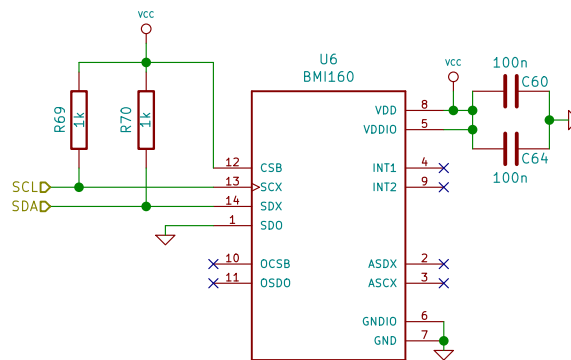
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Size: A4 Date: 2020-04-08

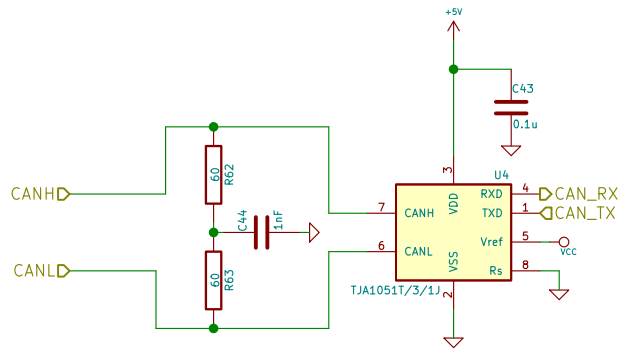
KiCad E.D.A. kicad (5.1.5)-3

Rev: 0.9

Id: 6/8



Top level		
Root		
Shaman Systems		
Sheet: /IMU/		
File: IMU.sch		
Title: Cheap FOCer 2		
Size: User	Date: 2020-04-08	Rev: 0.9
KiCad E.D.A. kicad (5.1.5)-3		Id: 7/8



Top level

Root

Shaman Systems

Sheet: /CAN bus transceiver/

File: CAN.sch

Title: Cheap FOCer 2

Size: User Date: 2020-04-08

KiCad E.D.A. kicad (5.1.5)-3

Rev: 0.9

Id: 8/8