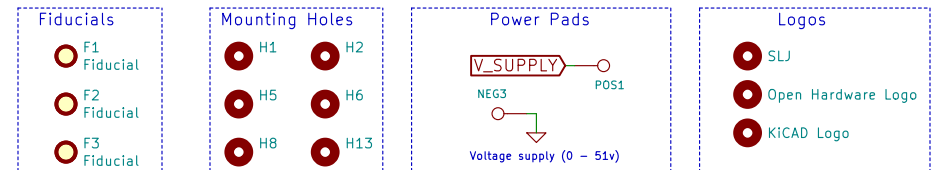
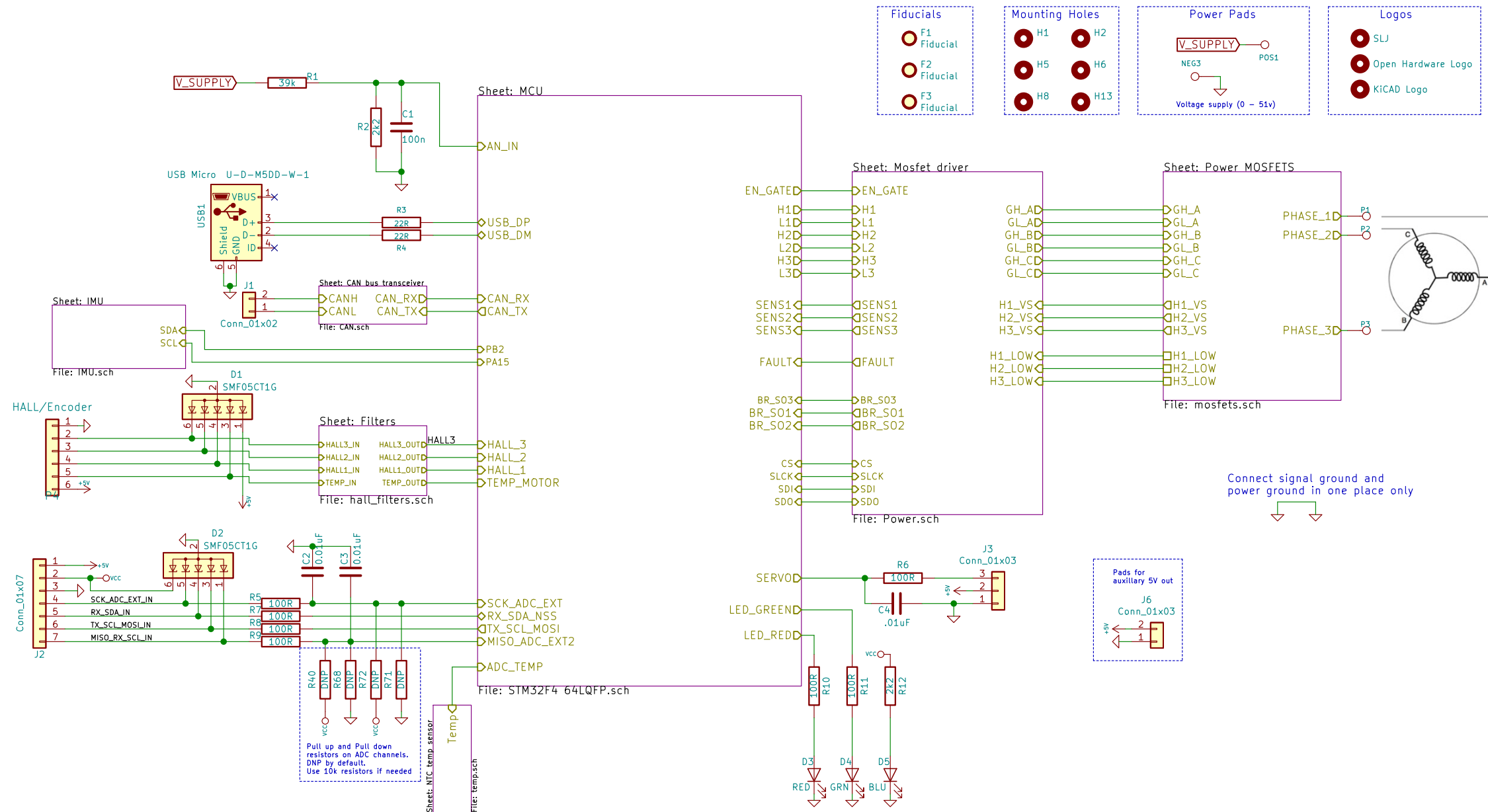
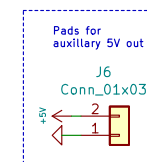


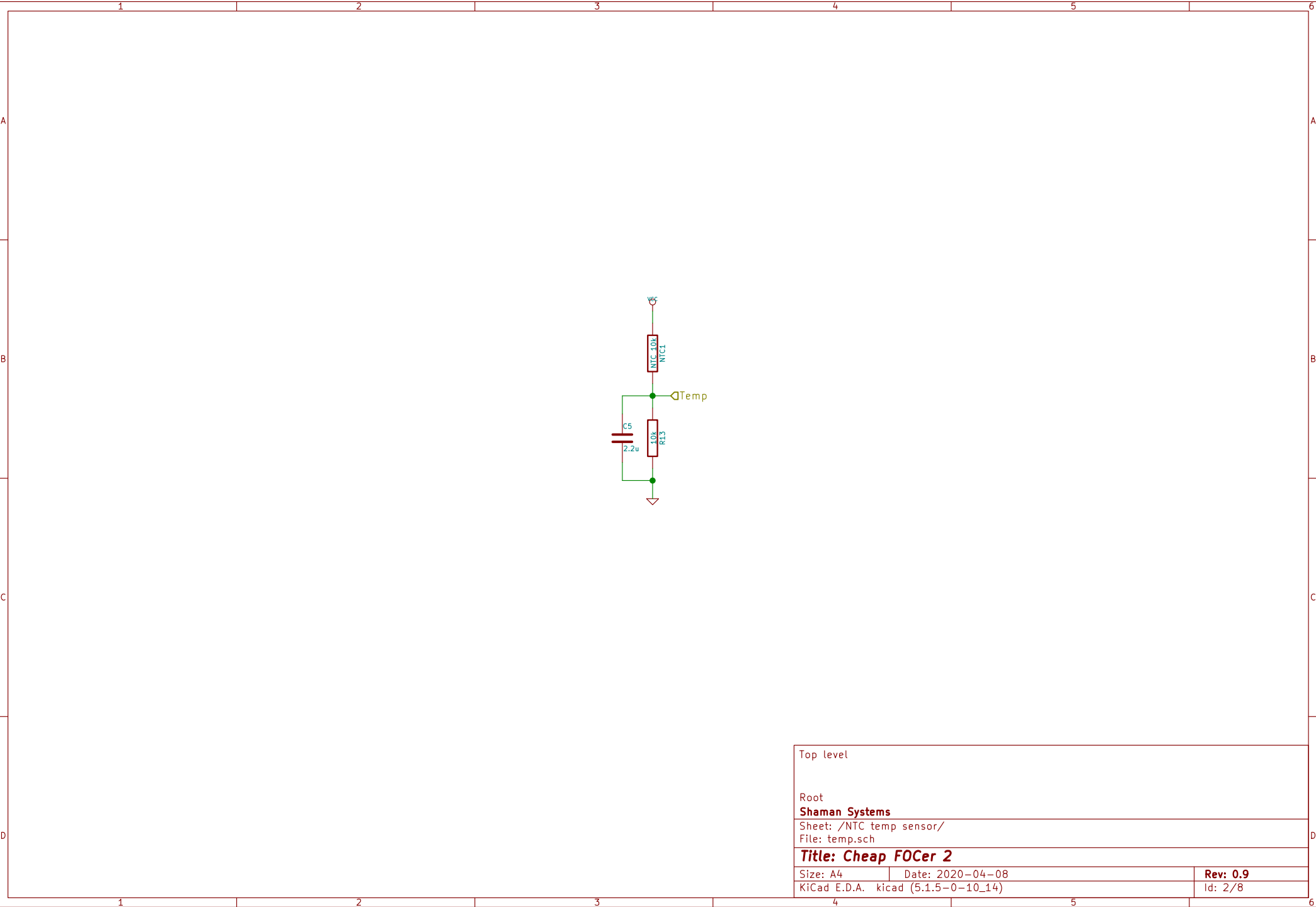
Cheap FOCer 2



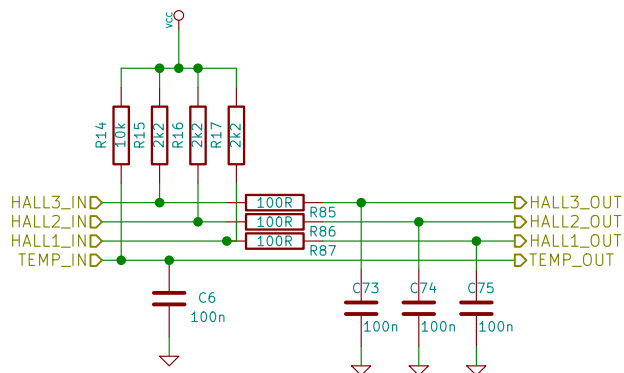
Connect signal ground and power ground in one place only



Top level		
Root		
Shaman Systems		
Sheet: /		
File: Cheap FOCer 2 60mm.sch		
Title: Cheap FOCer 2		
Size: A3	Date: 2021-06-25	Rev: 1.0
KiCad E.D.A. kicad (5.1.5-0-10.14)		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 (5.1.5-0-10_14)		Id: 2/8

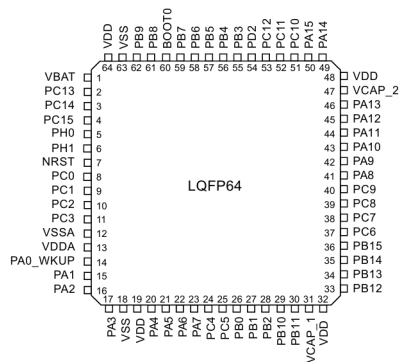
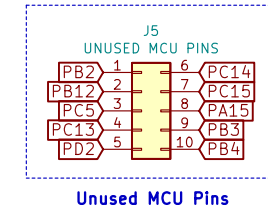
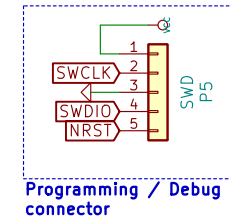
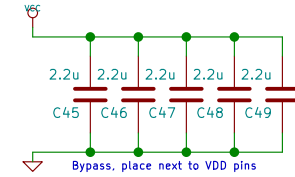
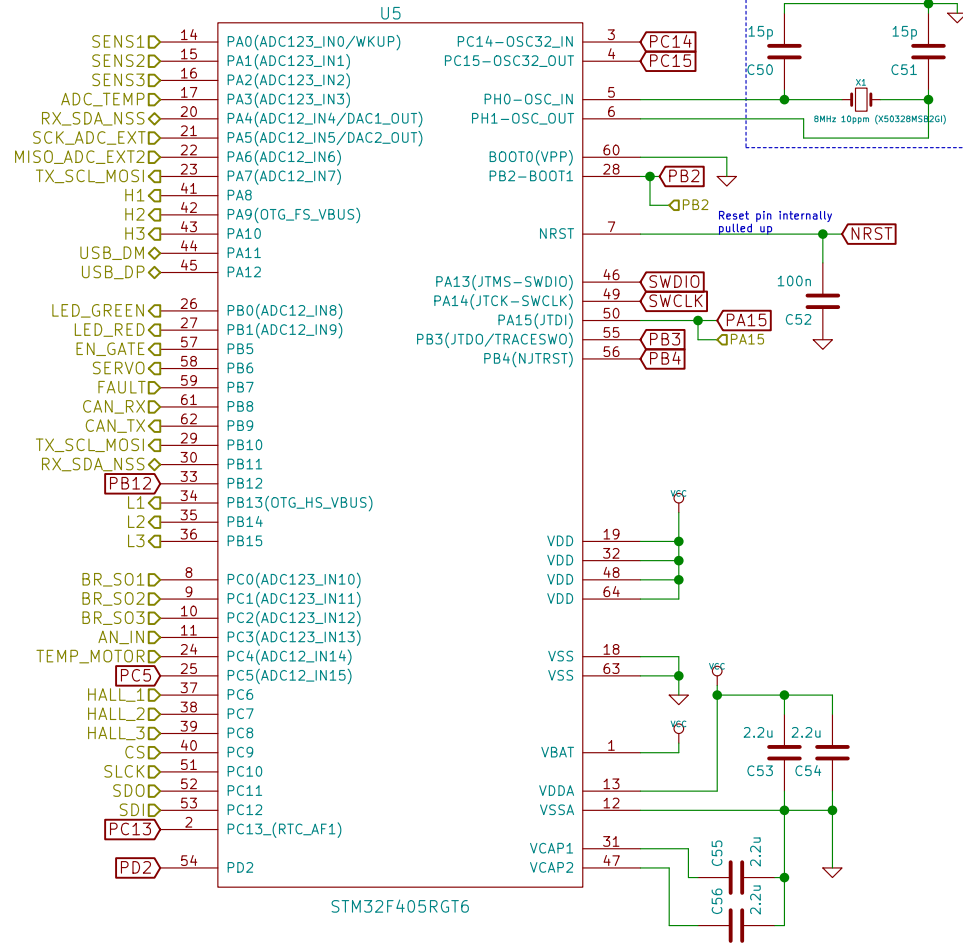


Top level		
Root		
Shaman Systems		
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File: hall_filters.sch		
Title: Cheap FOCer 2		
Size: User	Date: 2020-04-08	Rev: 0.9
KiCad E.D.A. kicad (5.1.5-0-10_14)		Id: 3/8

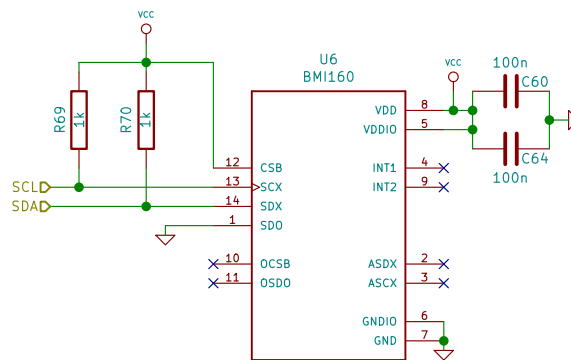


STM32F405xx STM32F407xx

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	
Title: Cheap FOCer 2	
Size: A4	Date: 2020-04-08
KiCad E.D.A. kicad (5.1.5-0-10_14)	Rev: 0.9
	Id: 6/8



Top level

Root

Shaman Systems

Sheet: /IMU/

File: IMU.sch

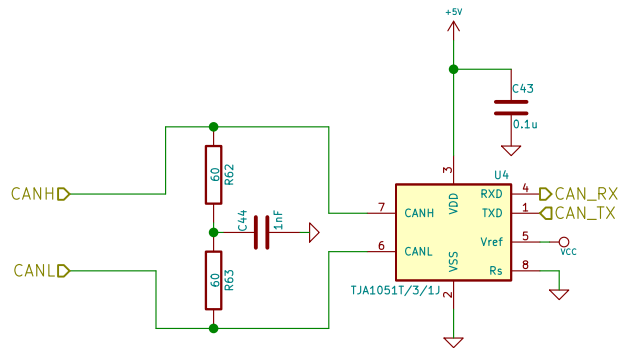
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Size: User Date: 2020-04-08

KiCad E.D.A. kicad (5.1.5-0-10_14)

Rev: 0.9

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 (5.1.5-0-10_14)

Rev: 0.9

Id: 8/8