

To Fix on Rev 3:
 R76 (--> 0805)
 R93 (--> 0805)
 C57 (--> 0603)

Rev 2:
 Changes:
 - Add ETH phy
 - Add beeper?

Rev 1:
 Changes:
 - Encoders RX/TX pins
 - Fan PWM matches arduino pins

Known Issues:
 - Ethernet PHY not present (needed?)

Rev 0:
 Known Issues
 - Ethernet PHY not present, needs external board.
 - Check connector current ratings.
 - Move encoders to us RX/TX pins
 - Move Fan PWM to match Archim2 pins (PC25/PC26).

Title: **Cover Sheet**

Approved: NO

Rev: 02

Project: **ChipSHOVER-One**

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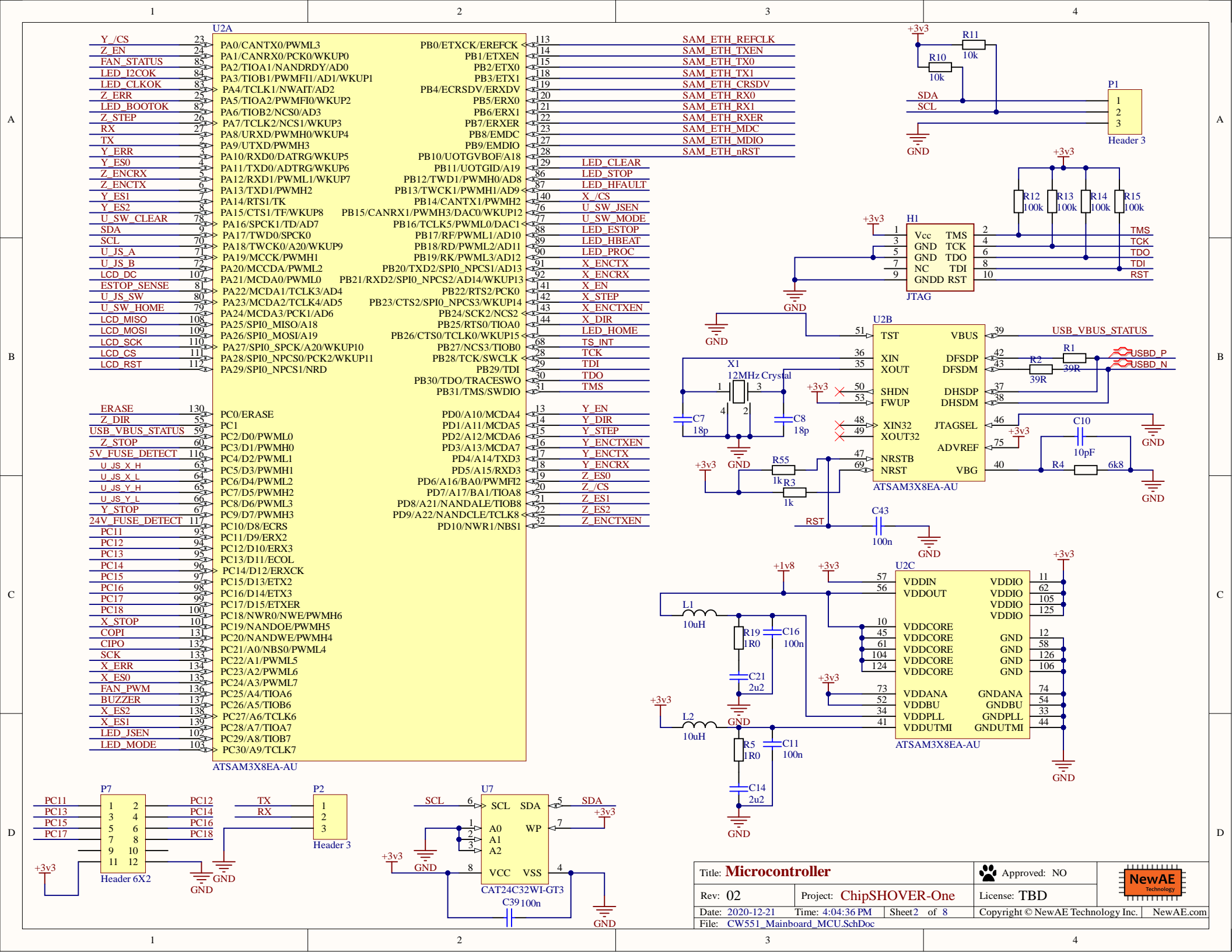
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Thermistor - change to SL15 2R508

Add bomitem for switch. Check if the switch is listed on the LCD board schems

BOMITEM17
BOM
Fuse_Holder

ZPT1

SW.Power

SW1

RT1

SL15

Power

Vp1

PD-40S

GND

Power

U13

SHD SW

Vin

Vos

GND

GND

GND

GND

GND

MIC4860-5V

Power

SW5V

L3

68uH_Shielded

Power

C77

2u2

Power

C75

330uF

Power

+5V

TP1

5008

Power

U1

Vin

GND

Vout

P

2

4

Power

C2

2u2

Power

LD1117

GND

Power

C3

2u2

Power

TP3

5011

GND

Power

+3v3

TP2

5008

Power

+24V_MOT

Power

ESTOP_SENSE

Power

R34

6k8

GND

+24VGND

Power

R33

47k

Power

D3

SK106-TP

Power

R58

330R

+5V

Power

P8

22-27-2041

Power

LED_ESTOP

Power

R57

1k

Power

Q2

DMN3200U-7

GND

+24V_MOT

Power

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

R39

1k

Power

Vp1

Power

R38

6k8

Power

R37

6k8

Power

+24V_MOT

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

R39

1k

Power

Vp1

Power

R38

6k8

Power

R37

6k8

Power

+24V_MOT

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

R39

1k

Power

Vp1

Power

R38

6k8

Power

R37

6k8

Power

+24V_MOT

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

R39

1k

Power

Vp1

Power

R38

6k8

Power

R37

6k8

Power

+24V_MOT

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

R39

1k

Power

Vp1

Power

R38

6k8

Power

R37

6k8

Power

+24V_MOT

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

R39

1k

Power

Vp1

Power

R38

6k8

Power

R37

6k8

Power

+24V_MOT

Power

LED, 06C3, Green

D2

LED, 06C3, Green

D5

LED, 06C3, Green

D6

LED, 06C3, Green

D7

LED, 06C3, Green

Power

+3v3

Power

R40

1k

Power

+5V

Power

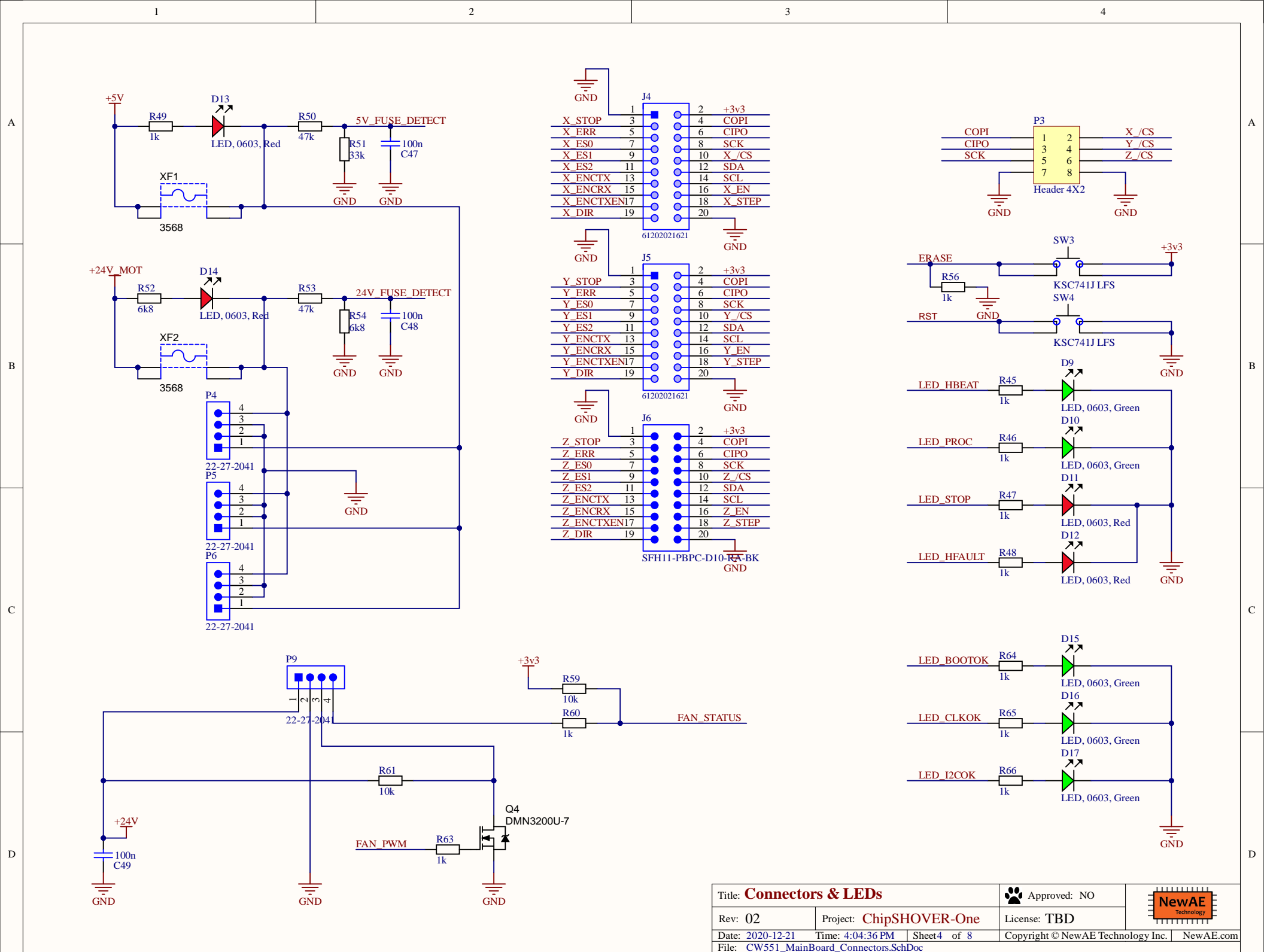
R39

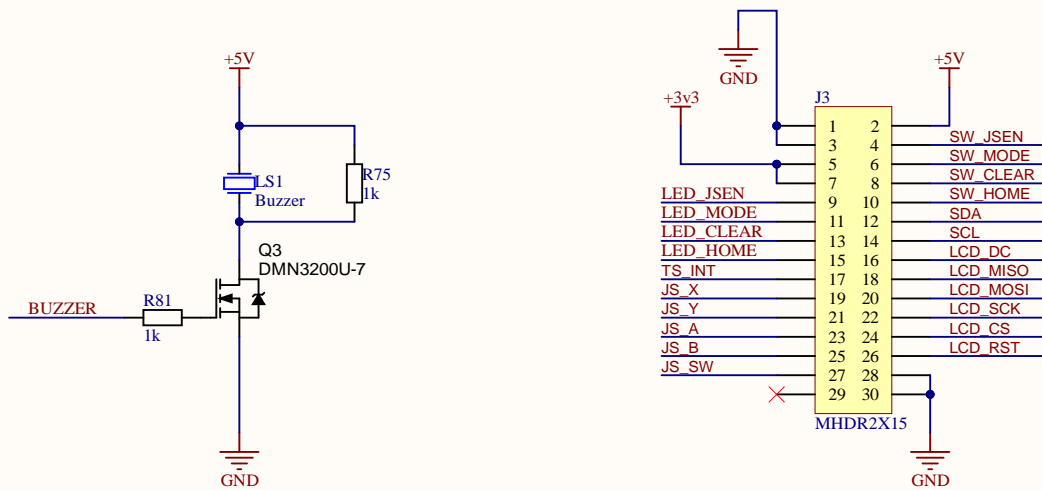
1k

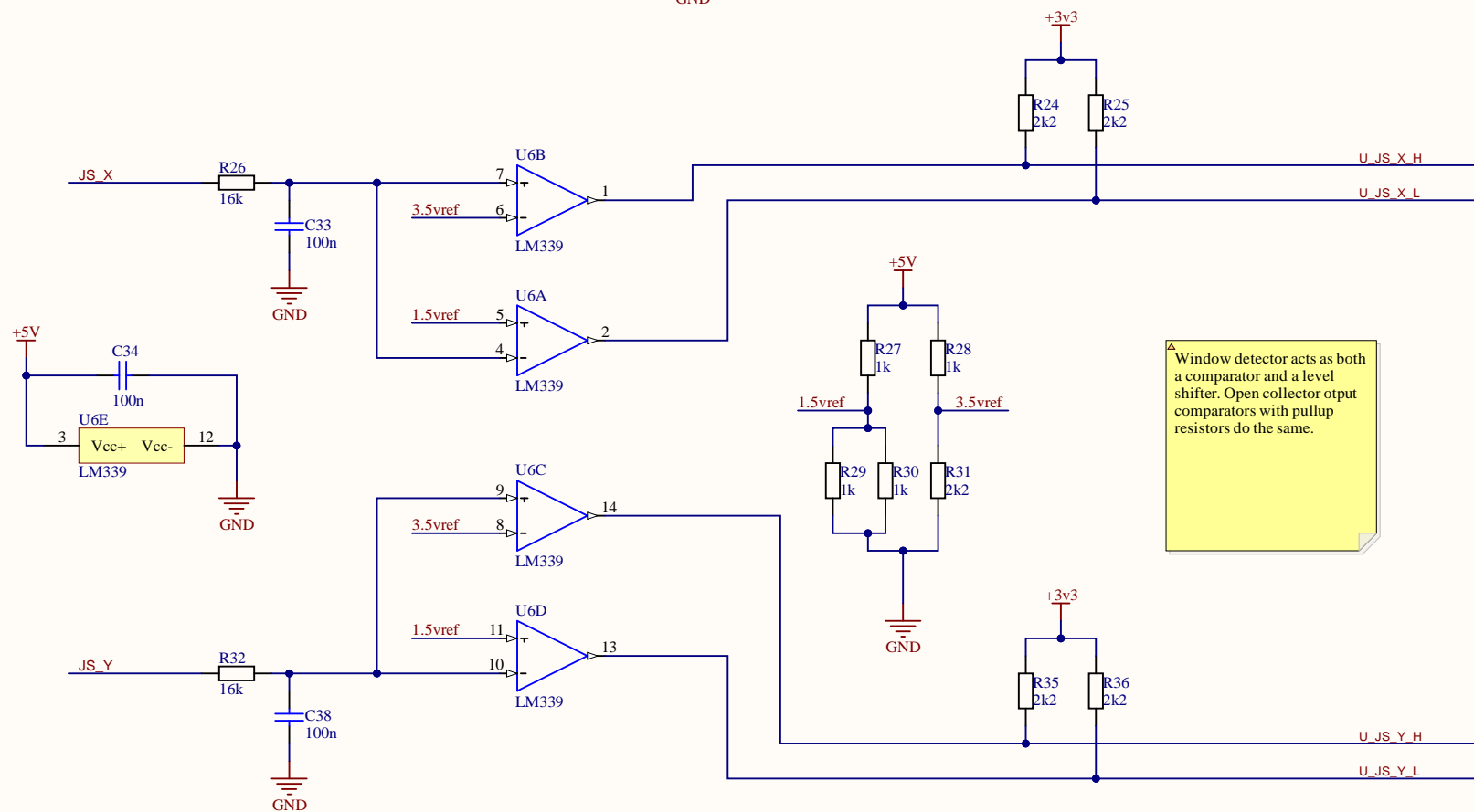
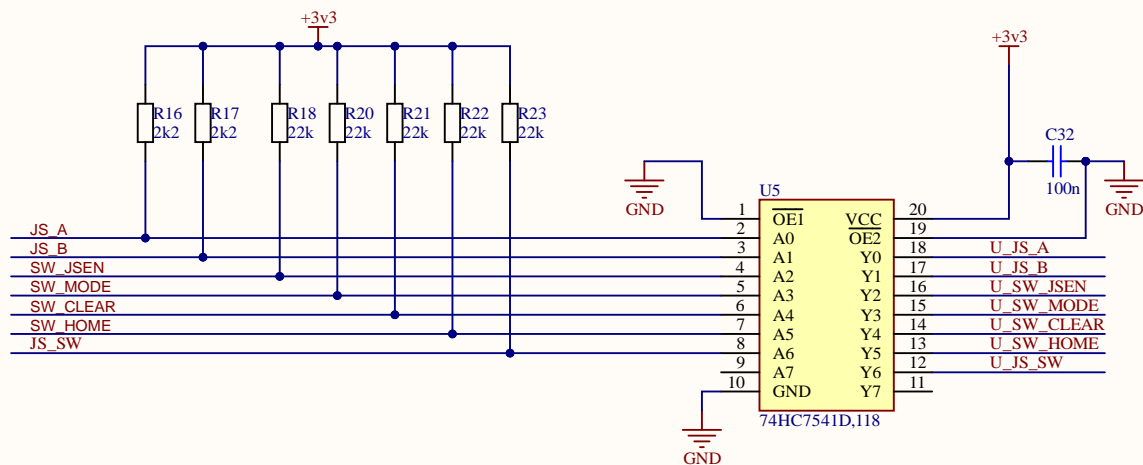
Power



Vp1

Power</

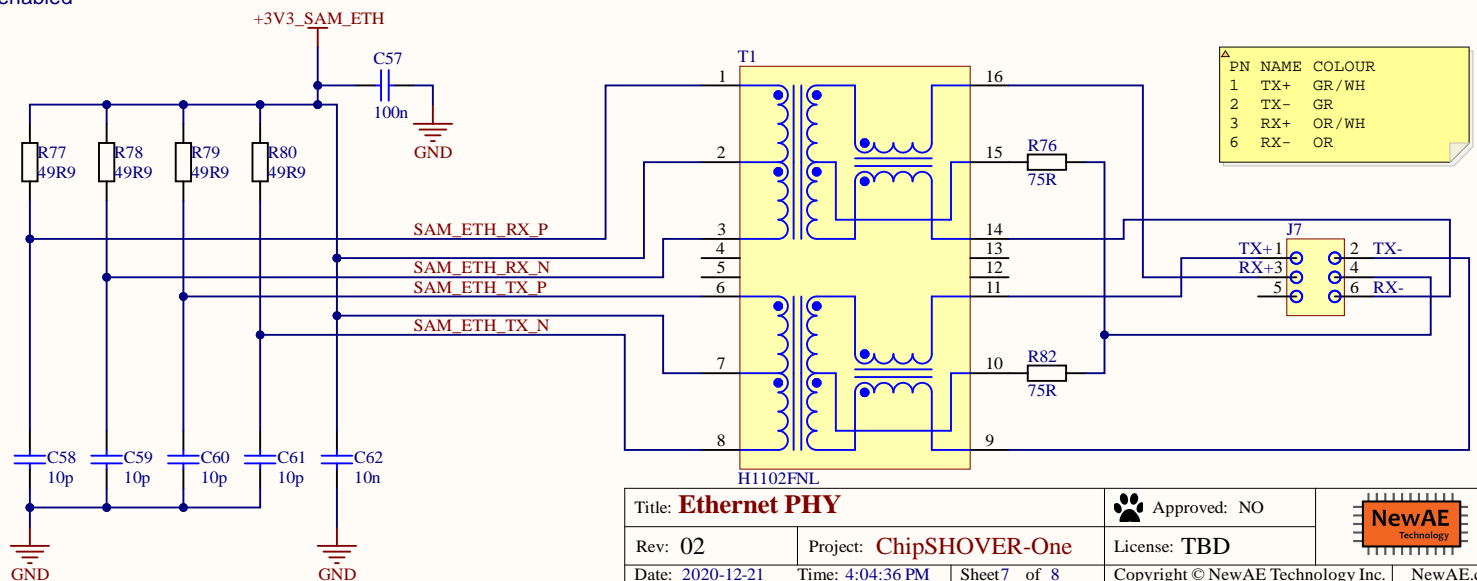
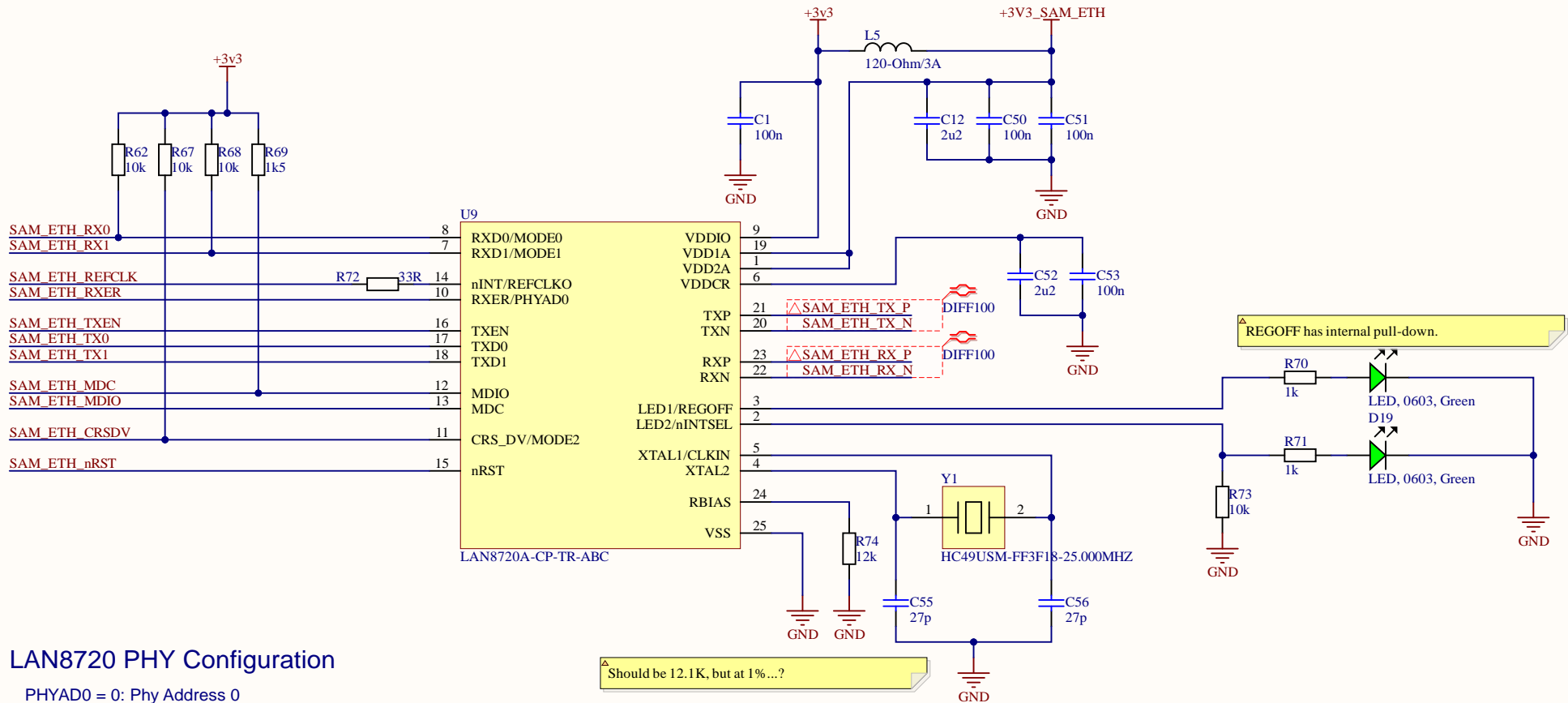






Title: Joystick & FP Switch			 Approved: NO			
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SAM3X Ethernet



Title: **Ethernet PHY**

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