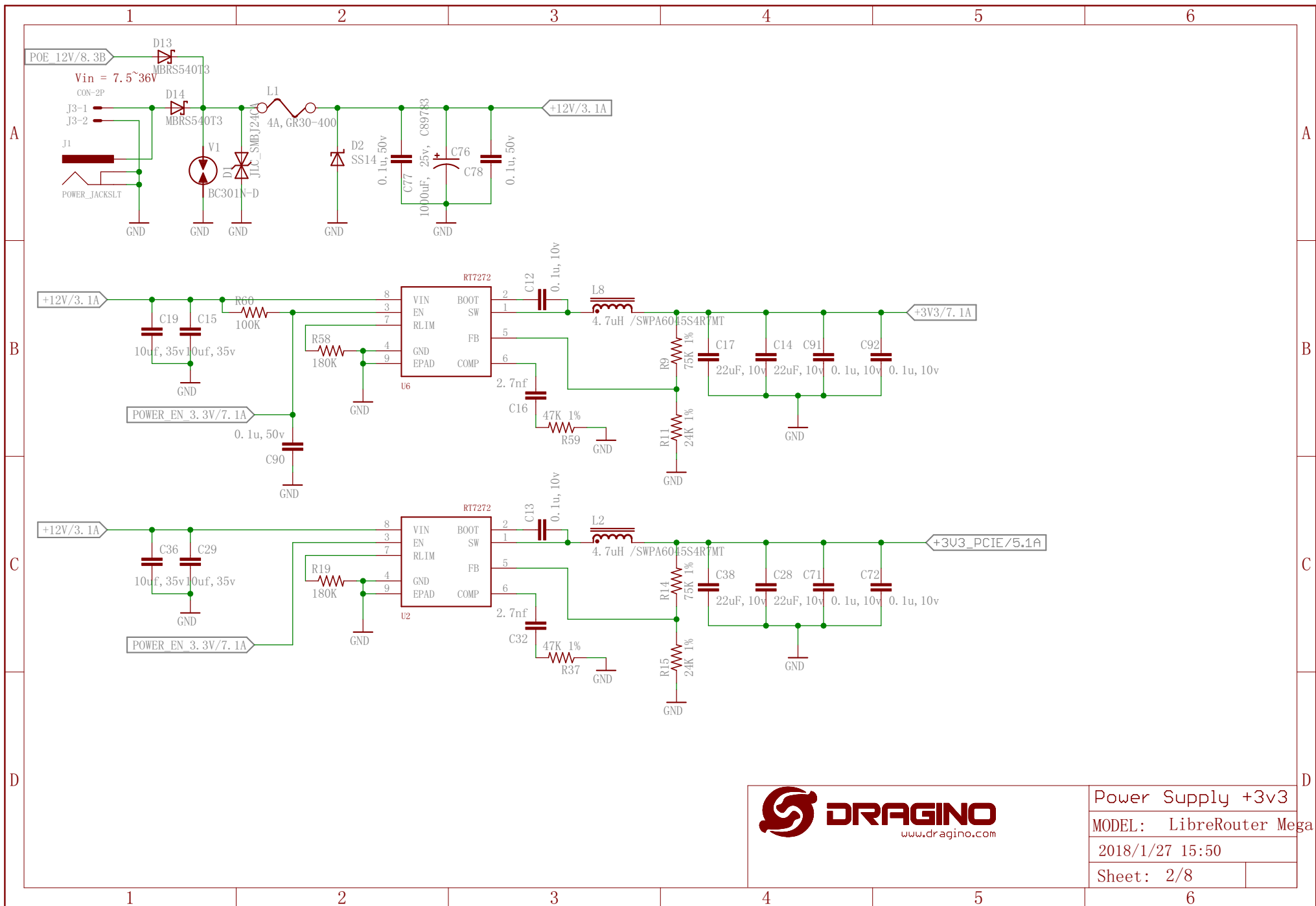


U1

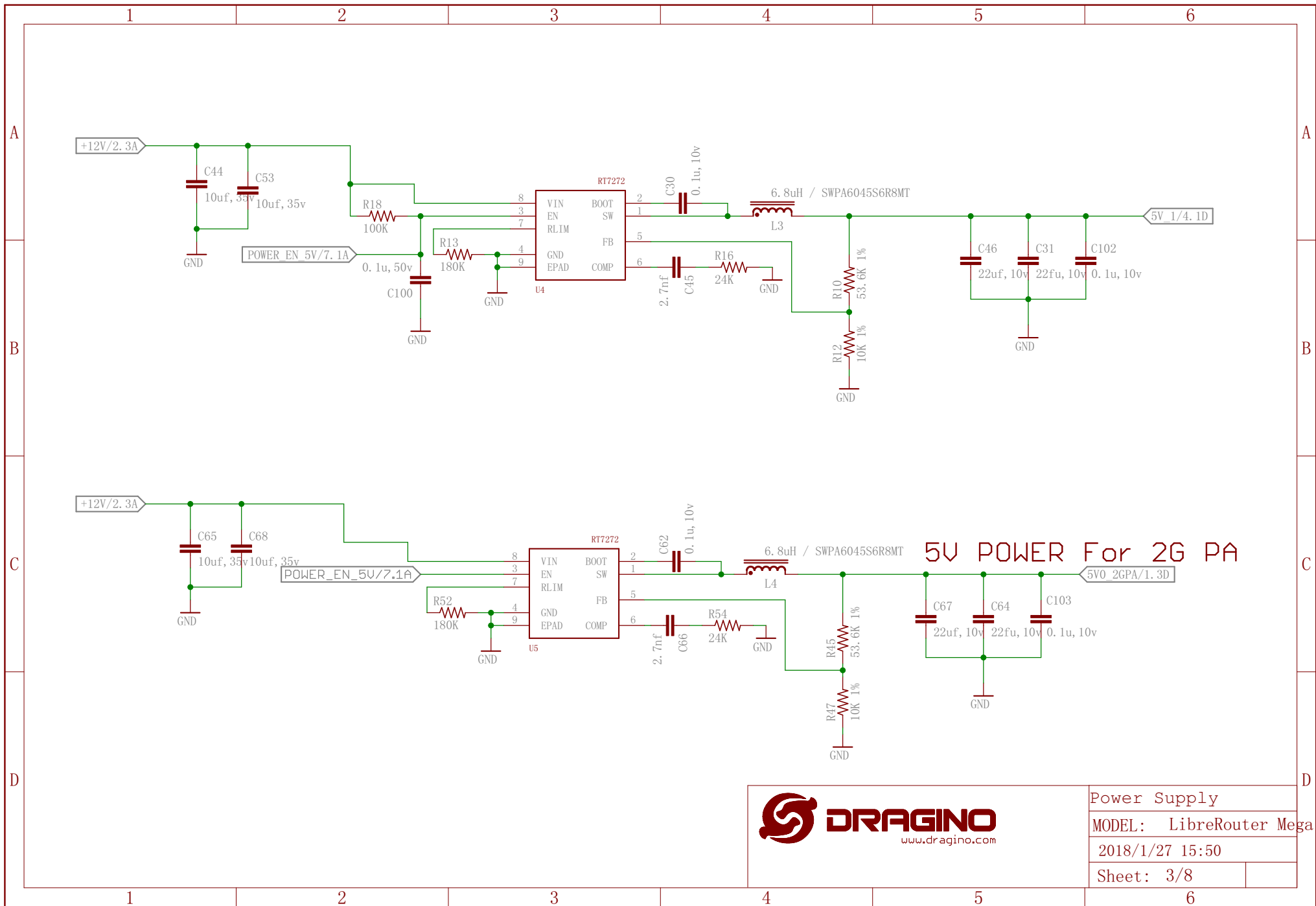
CORE9558



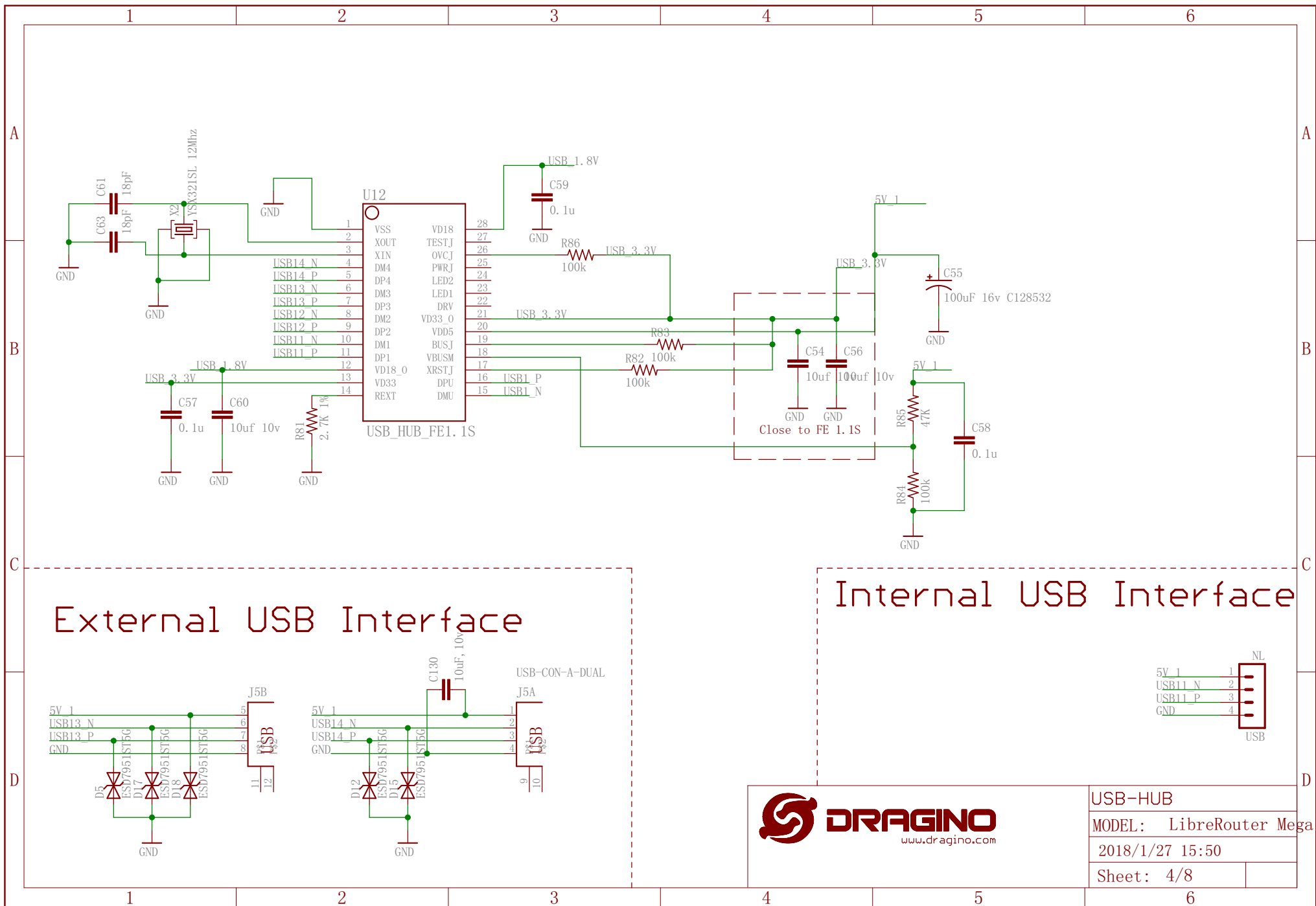
Sheet: 1/8

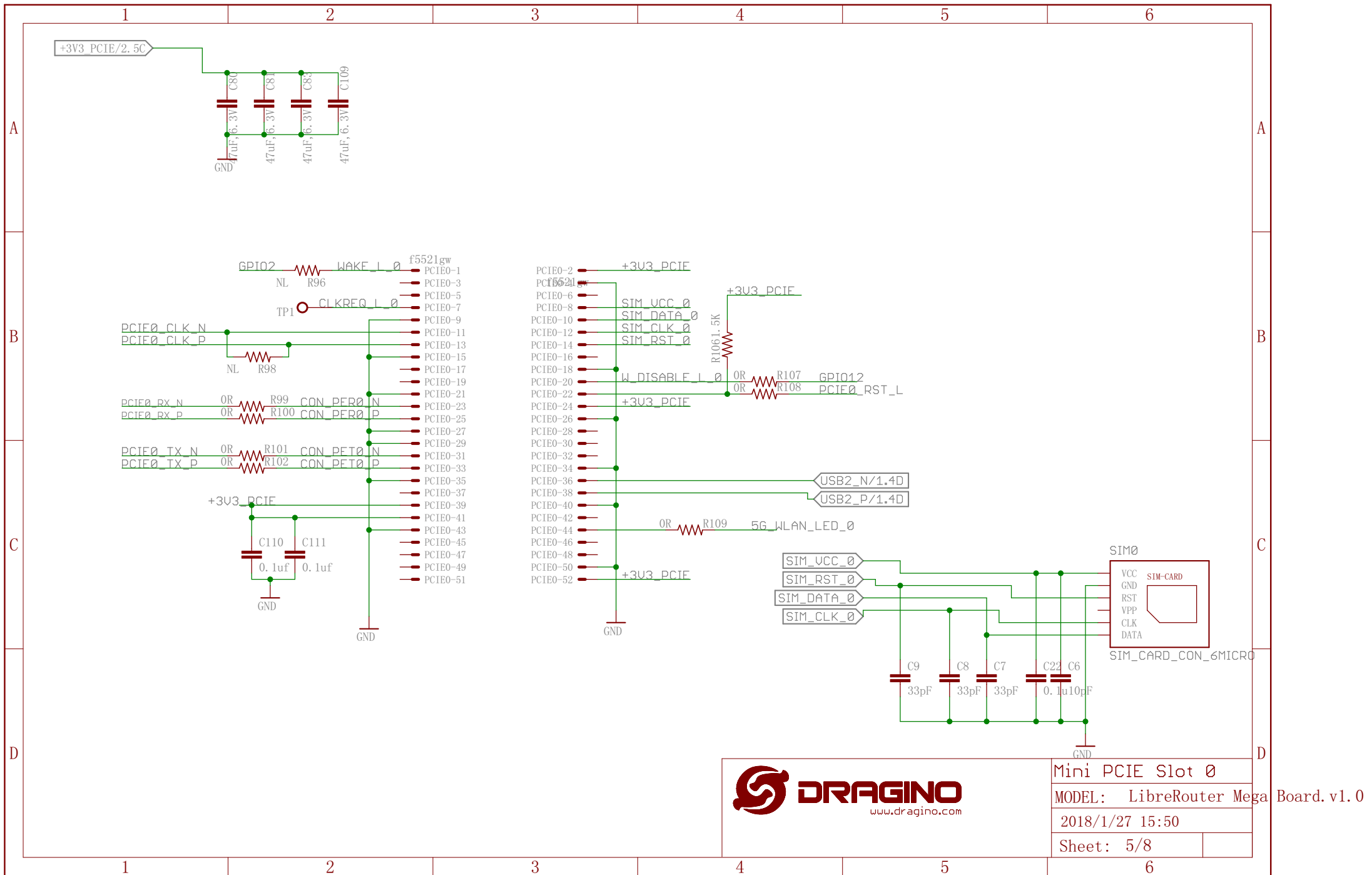


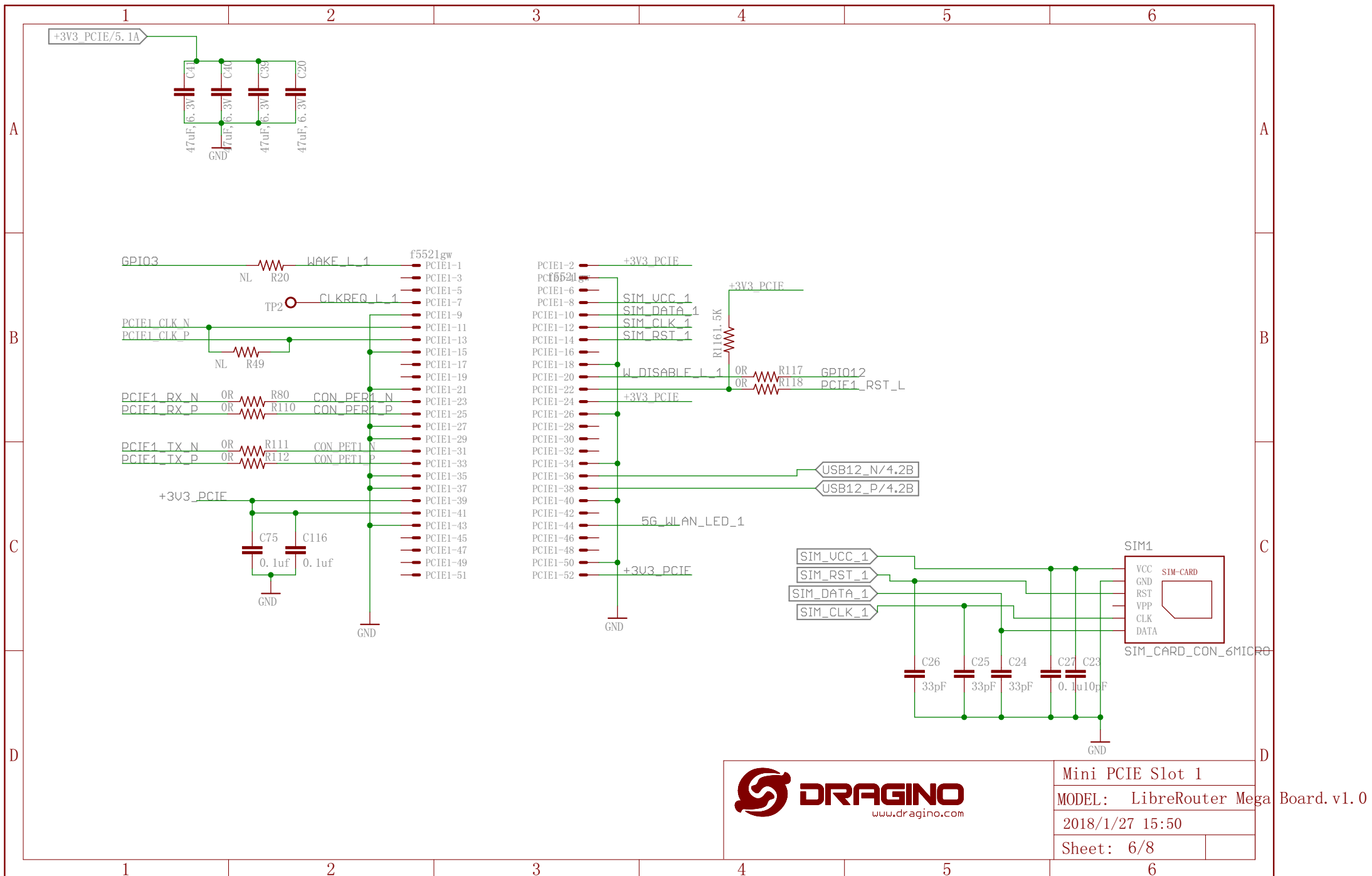
Power Supply +3v3	
MODEL: LibreRouter Mega Board.v1.0	
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Sheet: 2/8	



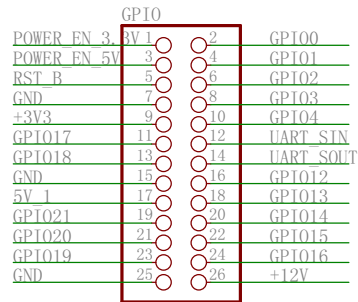
Power Supply	
MODEL: LibreRouter Mega Board.v1.0	
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Sheet: 3/8	



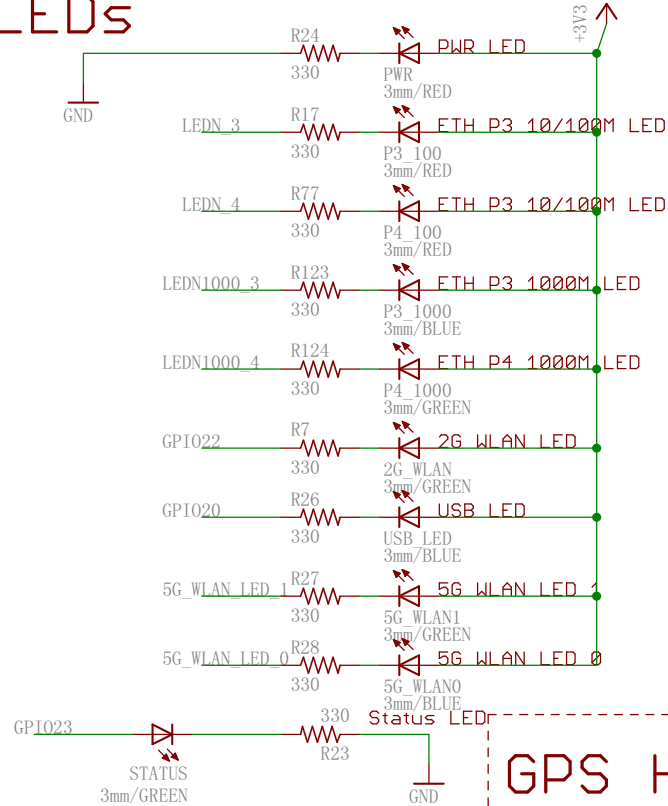




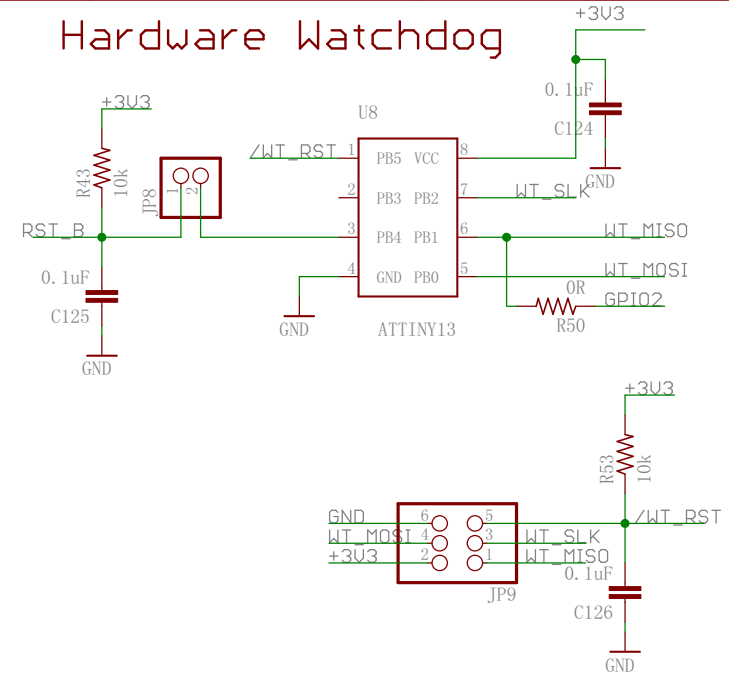
Expose IOs



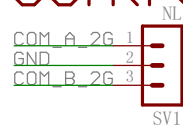
LEDs



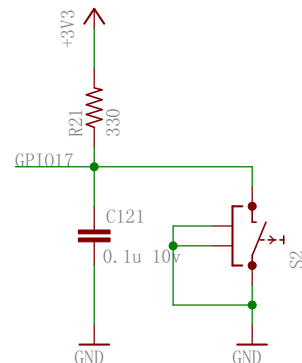
Hardware Watchdog



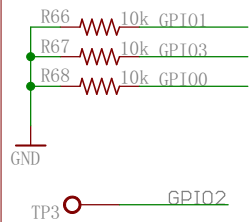
RF Control



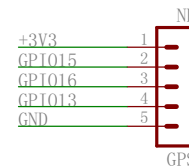
Toggle Button



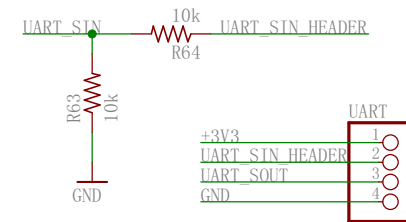
EJTAG HEADER



GPS HEADER



UART HEADER



GPIO and Interfaces

MODEL: LibreRouter Mega Board.v1.0

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Ethernet

T1

C5 0.1u 10v
C10 0.1u 10v
C11 0.1u 10v
C33 0.1u 10v
C34 0.1u 10v
C35 0.1u 10v
C37 0.1u 10v
C137 0.1u 10v

S17_P4_TRX3_N 2
S17_P4_TRX3_P 3
S17_P4_TRX2_N 5
S17_P4_TRX2_P 6
S17_P4_TRX1_N 8
S17_P4_TRX1_P 9
S17_P4_TRX0_N 11
S17_P4_TRX0_P 12
S17_P3_TRX3_N 14
S17_P3_TRX3_P 15
S17_P3_TRX2_N 17
S17_P3_TRX2_P 18
S17_P3_TRX1_N 20
S17_P3_TRX1_P 21
S17_P3_TRX0_N 23
S17_P3_TRX0_P 24

TCT1 TD1+
TCT1 TD1-
TCT2 TD2+
TCT2 TD2-
TCT3 TD3+
TCT3 TD3-
TCT4 TD4+
TCT4 TD4-
TCT5 TD5+
TCT5 TD5-
TCT6 TD6+
TCT6 TD6-
TCT7 TD7+
TCT7 TD7-
TCT8 TD8+
TCT8 TD8-

CM1 MX1+
CM1 MX1-
CM2 MX2+
CM2 MX2-
CM3 MX3+
CM3 MX3-
CM4 MX4+
CM4 MX4-
CM5 MX5+
CM5 MX5-
CM6 MX6+
CM6 MX6-
CM7 MX7+
CM7 MX7-
CM8 MX8+
CM8 MX8-

MCT1-5 48
MCT1-5 47
MCT1-5 46
MCT1-5 45
MCT2 44
MCT2 43
MCT2 42
MCT3 41
MCT3 40
MCT3 39
MCT4 38
MCT4 37
MCT4 36
MCT5 35
MCT5 34
MCT5 33
MCT6 32
MCT6 31
MCT6 30
MCT7 29
MCT7 28
MCT7 27
MCT8 26
MCT8 25

MCT1-5 75R R1
MCT1-5 75R R2
MCT2 75R R4
MCT6 75R R5
MCT3 75R R6
MCT4 75R R29
MCT7 75R R30
MCT8 75R R31

10nf 2kv C49

PoE PassThrough

+12V/7.1B
100K R57
10K R32
4K7 R3
47K R44
BSS138-7 F
Q9 Si4435DDY-T1
POE_OUTOR 1/10WR33 MCT2

Connect to Earth

FARTH
GND
GND
GND
GND
M4

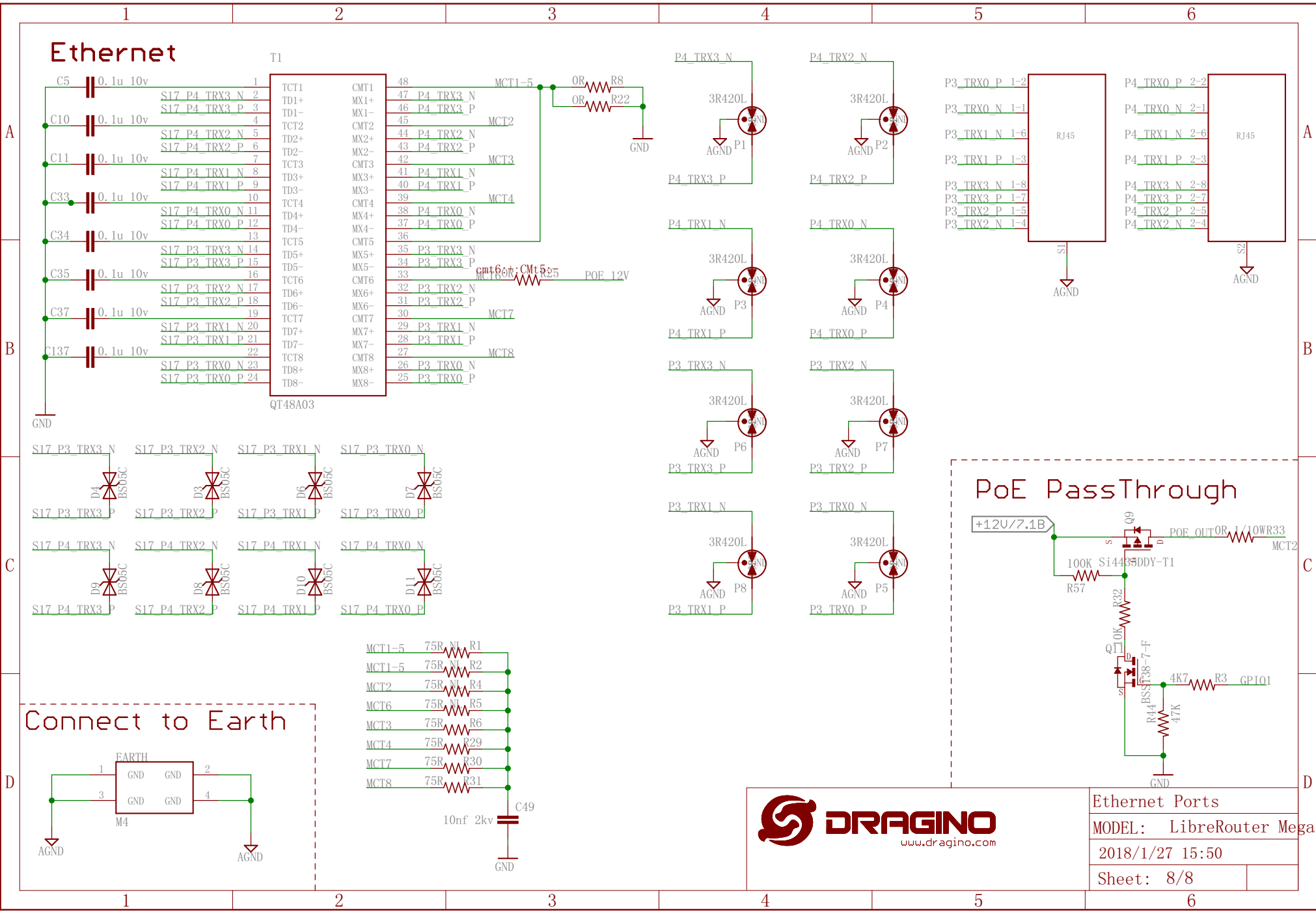
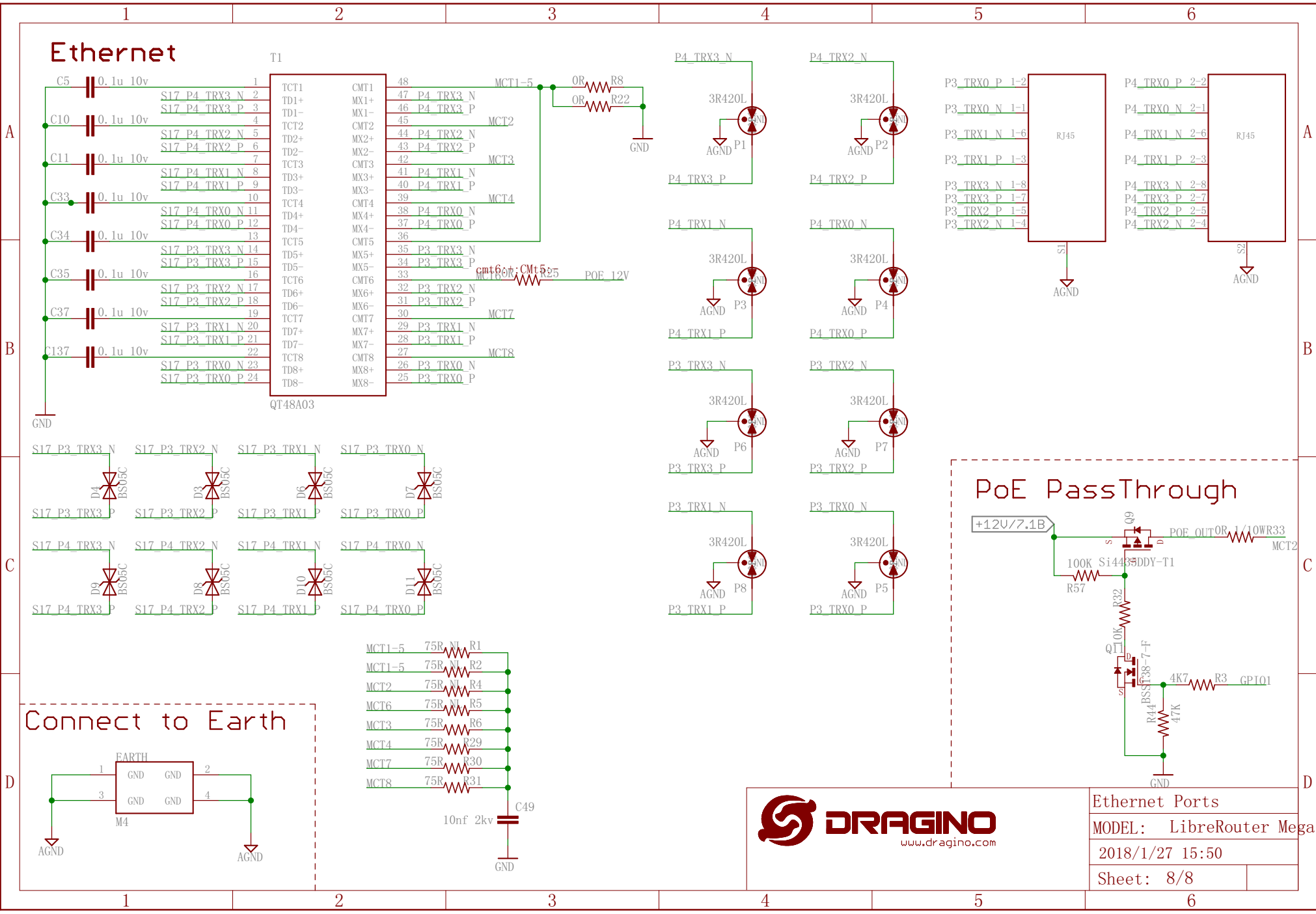
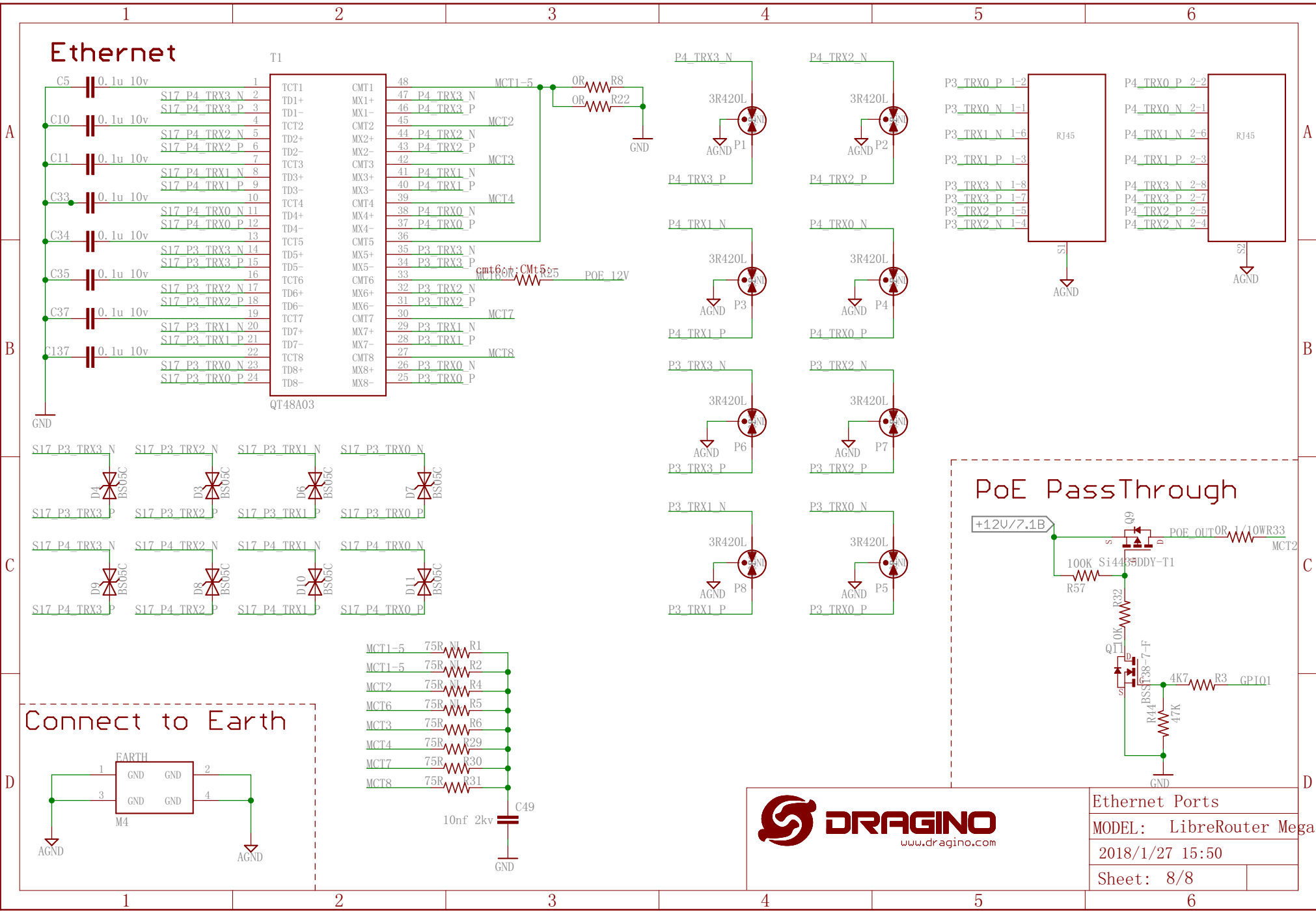
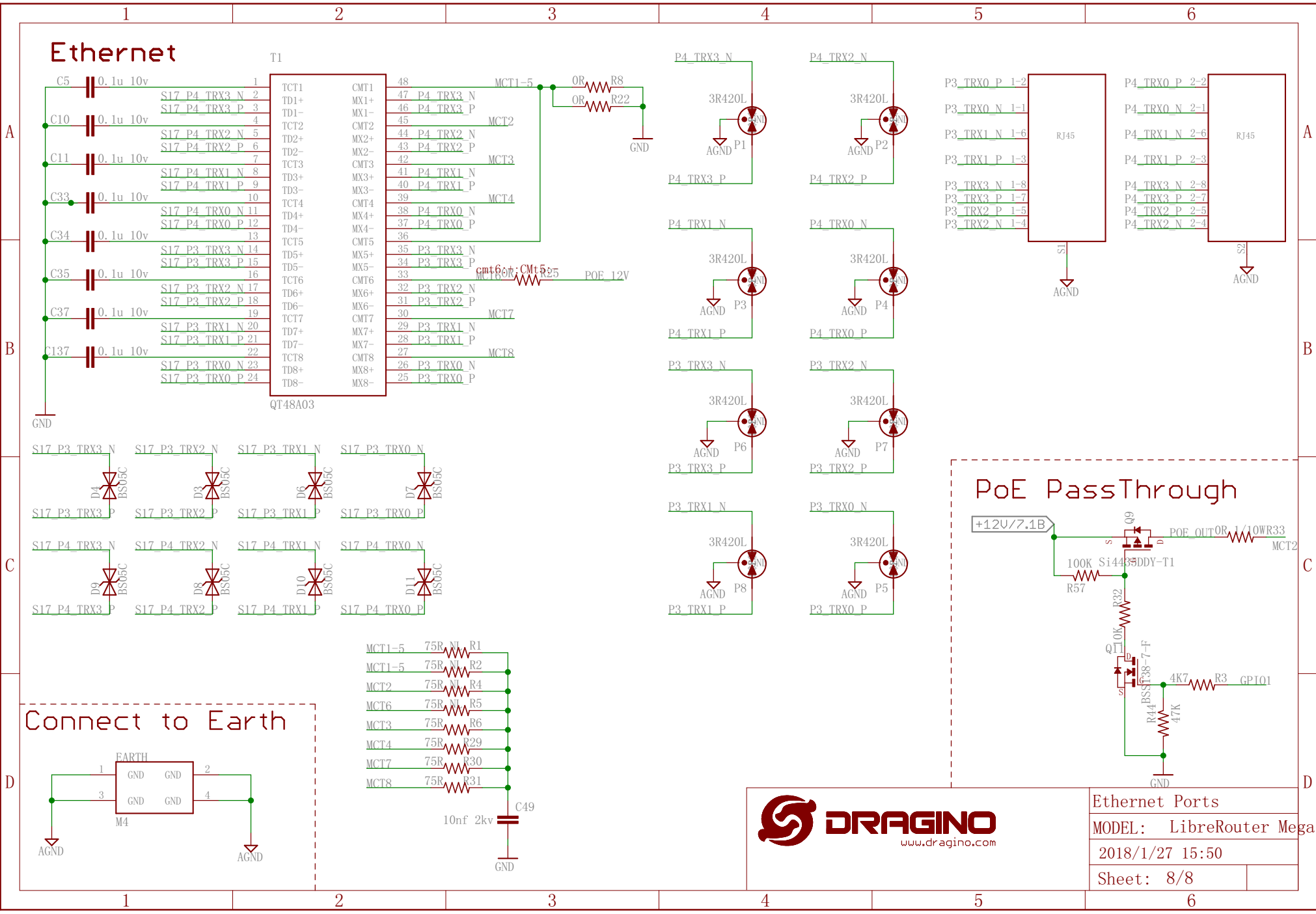
Ethernet Ports

MODEL: LibreRouter Mega

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DRAGINO
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Ethernet

PoE PassThrough

Connect to Earth

Ethernet Ports

MODEL: LibreRouter Mega

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