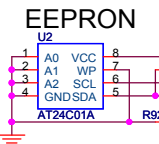
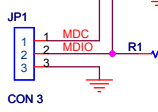
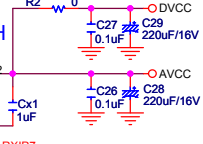
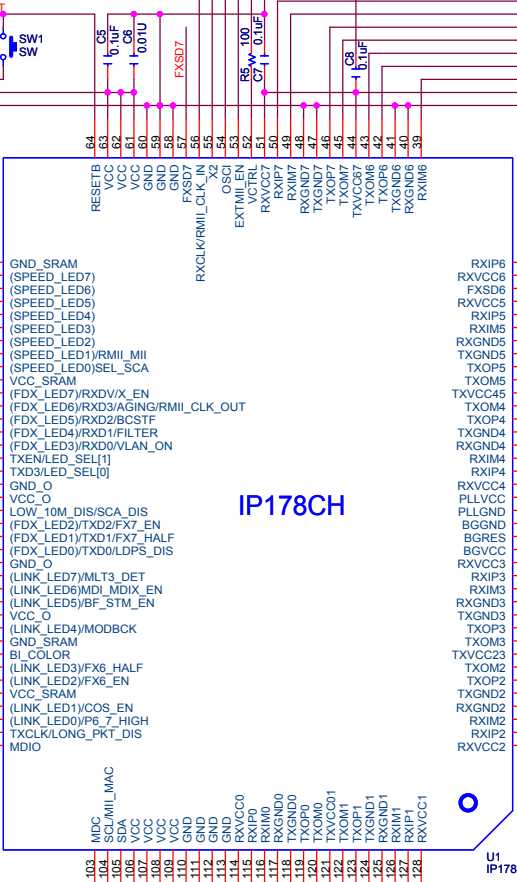


- 3 FXSD7 <-> FXSD7
- 3 FXSD6 <-> FXSD6
- 3 VCC5 <-> VCC5
- 3 VCC3 <-> VCC3
- 3 RXIP7 <-> RXIP7
- 3 RXIM7 <-> RXIM7
- 3 CT7 <-> CT7
- 3 TXOP7 <-> TXOP7
- 3 TXOM7 <-> TXOM7

- SPD7 (SPEED\_LED7)
- SPD6 (SPEED\_LED6)
- SPD5 (SPEED\_LED5)
- SPD4 (SPEED\_LED4)
- SPD3 (SPEED\_LED3)
- SPD2 (SPEED\_LED2)
- SPD1/RMII\_MII (SPEED\_LED1)
- SPD0/SEL\_SCA (SPEED\_LED0)
- FDX7/RXD3/AGING (FDX\_LED7)
- FDX5/RXD2/BCSTF (FDX\_LED5)
- FDX4/RXD1/FILTER (FDX\_LED4)
- FDX3/RXD0/VLAN\_ON (FDX\_LED3)
- TXEN/LED\_SEL1 (TXD3/LED\_SEL0)
- LOW\_10M\_DIS/SCA\_DIS (FDX2/TXD2/FX7\_EN)
- FDX1/TXD1/FX7\_H (FDX\_LED1)
- LNK7/MLT3\_DET (LNK6/MDI\_MDIX\_EN)
- LNK5/BF\_STM\_EN (LNK4/MODBCK)
- BI\_COLOR (LNK3/FX6\_H)
- LNK2/FX6\_EN (LNK1/COS\_EN)
- LNK0/P6\_7\_HIGH (TXCLK/LONG\_PKT\_DIS)
- MDIO (MDIO)

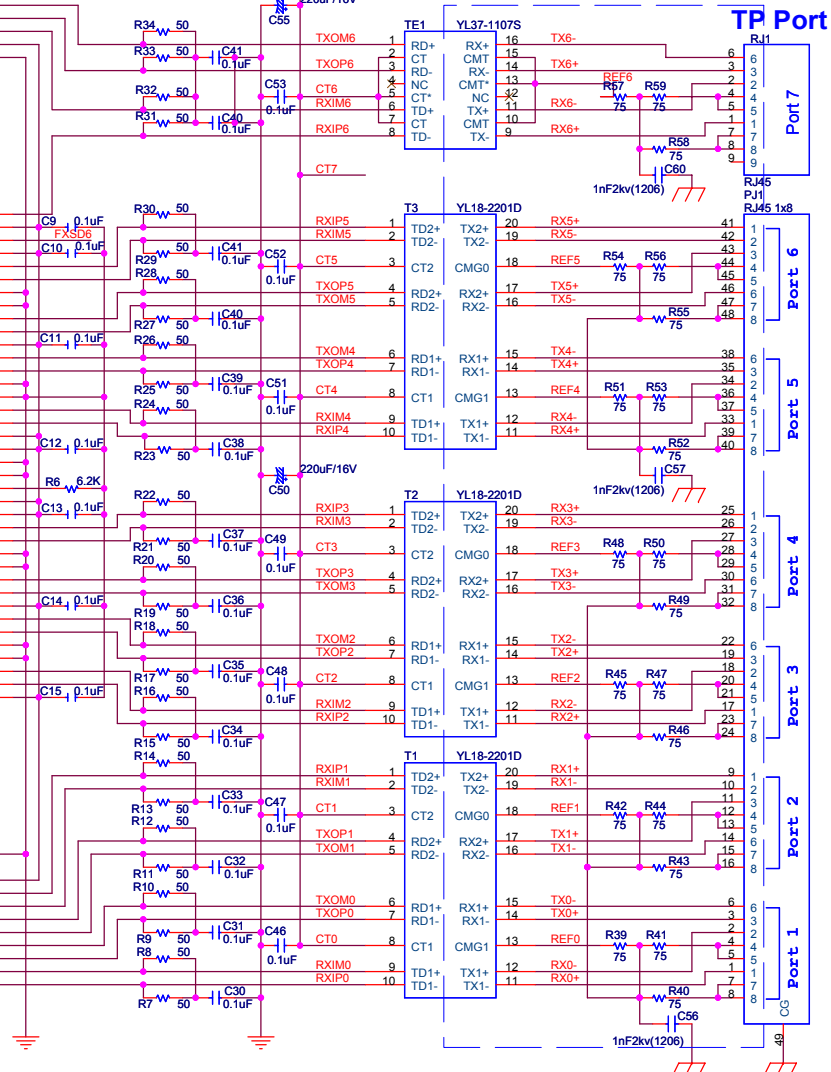


Q1 as close as possible to the IP178CH

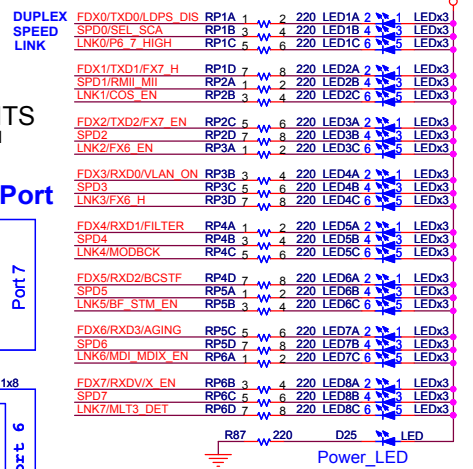


### TRANSFORMER&RJ45 CIRCUITS

Keep over than 80 mil space with any signal and power or GND for ESD issue

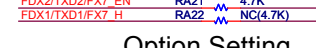


### LED CIRCUIT

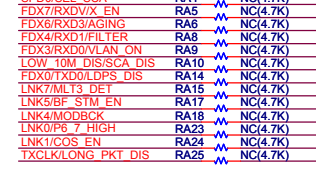


Note 1 : When External MII turn on remove Duplex LED

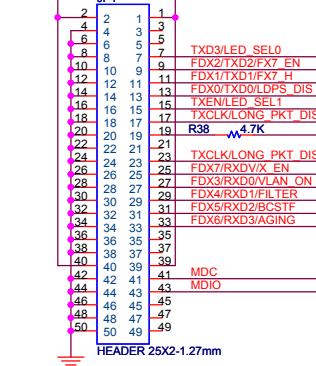
Note 2 : When External MII turn on Fiber port setting by EEROM or CPU



Fiber Setting



MII PHY mode



Reference Transformer Part No. list  
 YL18-2201D, YL37-1107S  
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 TEL: 86-574-63620701, 63621610  
 http://www.yutai-elec.com  
 EMAIL: nico\_yu@yeah.net