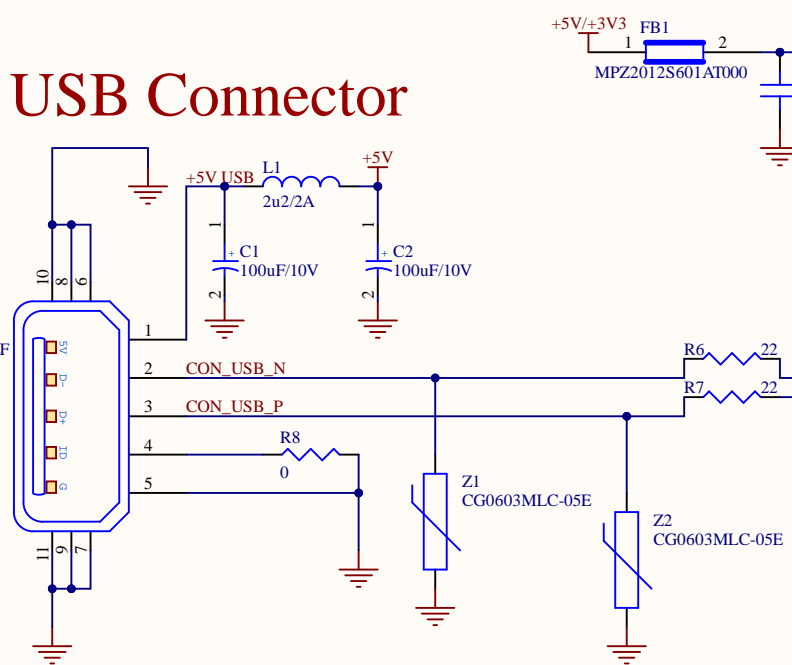
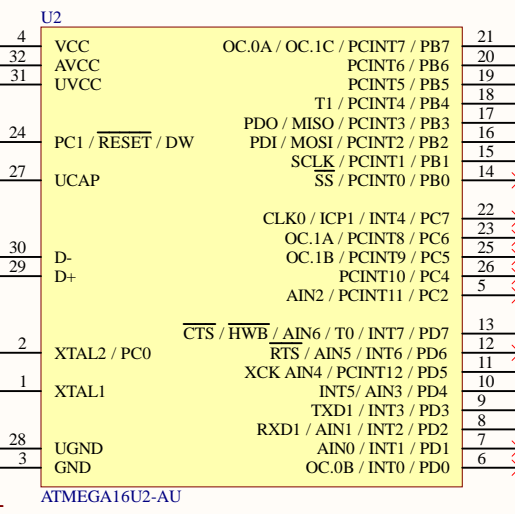


28 PINS SCHEMATIC

Micro USB Connector



16U2



JP2

ICSP1

JP3

JP1

ICSP2

DIP Socket

Mounting Holes

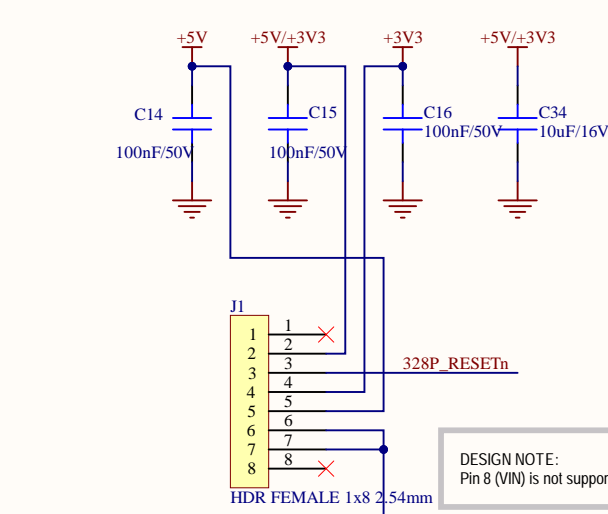
Fiducials

Reset 16U2

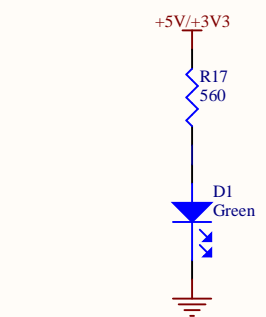
Reset 328P

User Button

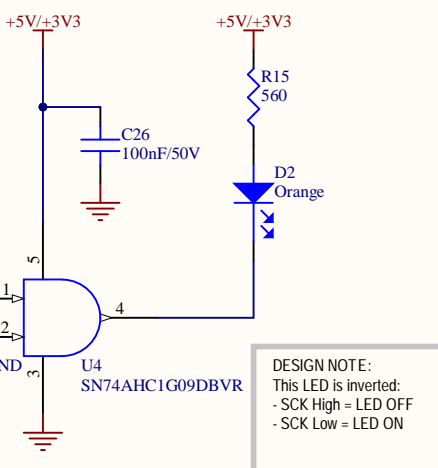
Power



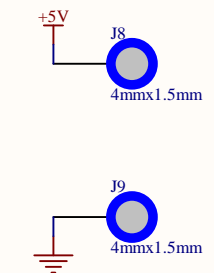
Power LED



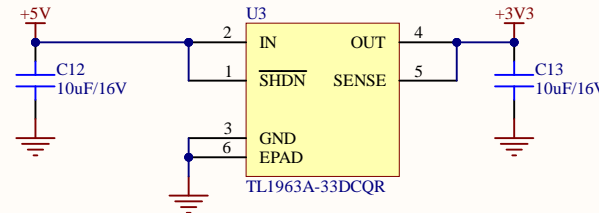
User LED



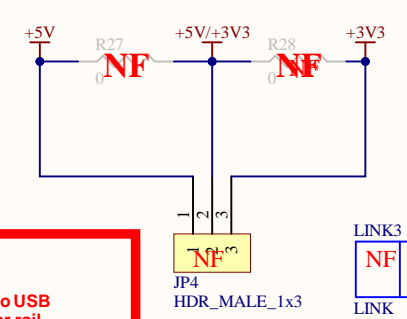
Power Pads



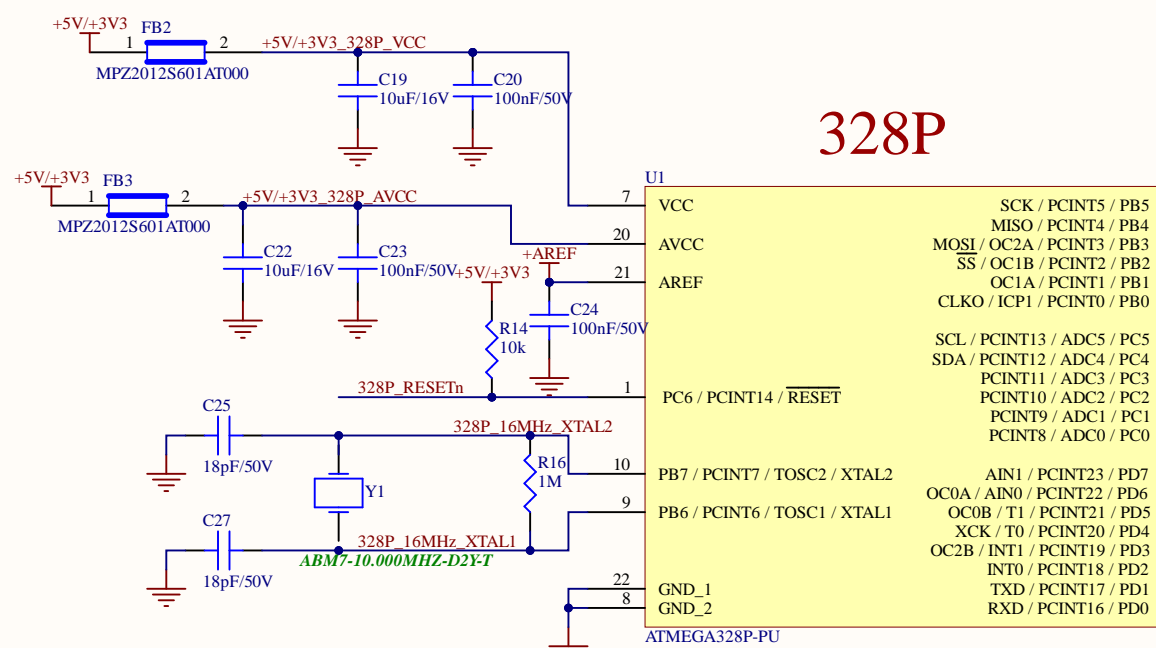
3V3 LDO



Power Selection



328P



IOH

AD

IOL

LAYOUT NOTE:
1) Route all the POWER tracks with minimum track width 0.4mm.
2) Route all the other tracks by 0.4mm and change them by the end of the design to 0.2mm. To change all of them at once, use this filter: "(not InNet(*)) and not InNet(GND))" and IsTrack and (OnLayer("L1") or OnLayer("L2"))" and then set 0.2mm width in PCB Inspector panel.