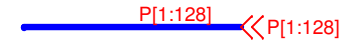


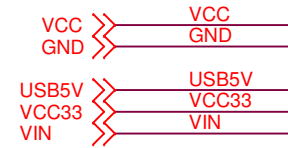
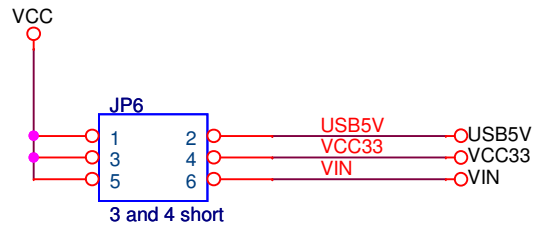
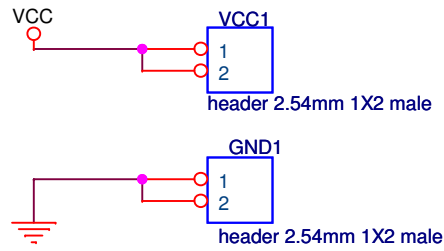
Off-page Connector



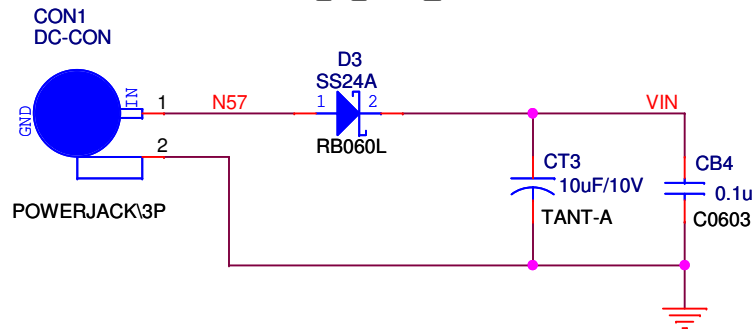
**MCU External Connection**

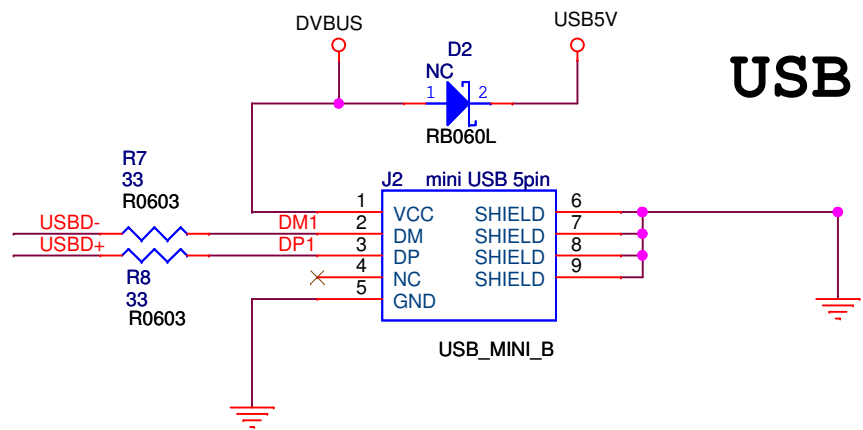
# Power Connection

# Power Selection

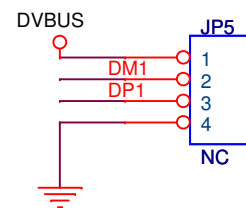


# Power Supply (2.5V ~ 5V )





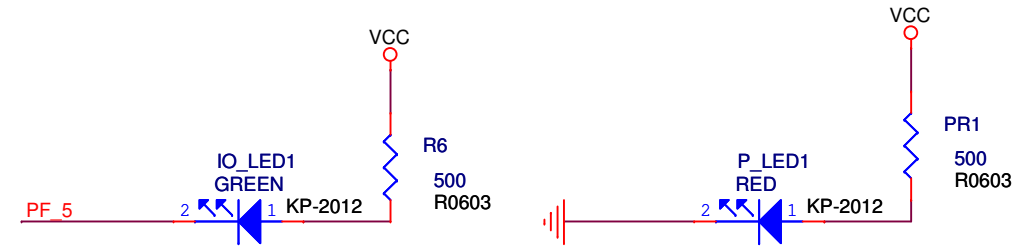
For  
tester



Off-page Connector



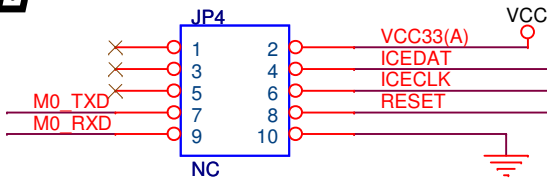
# LED



## Off-page Connector

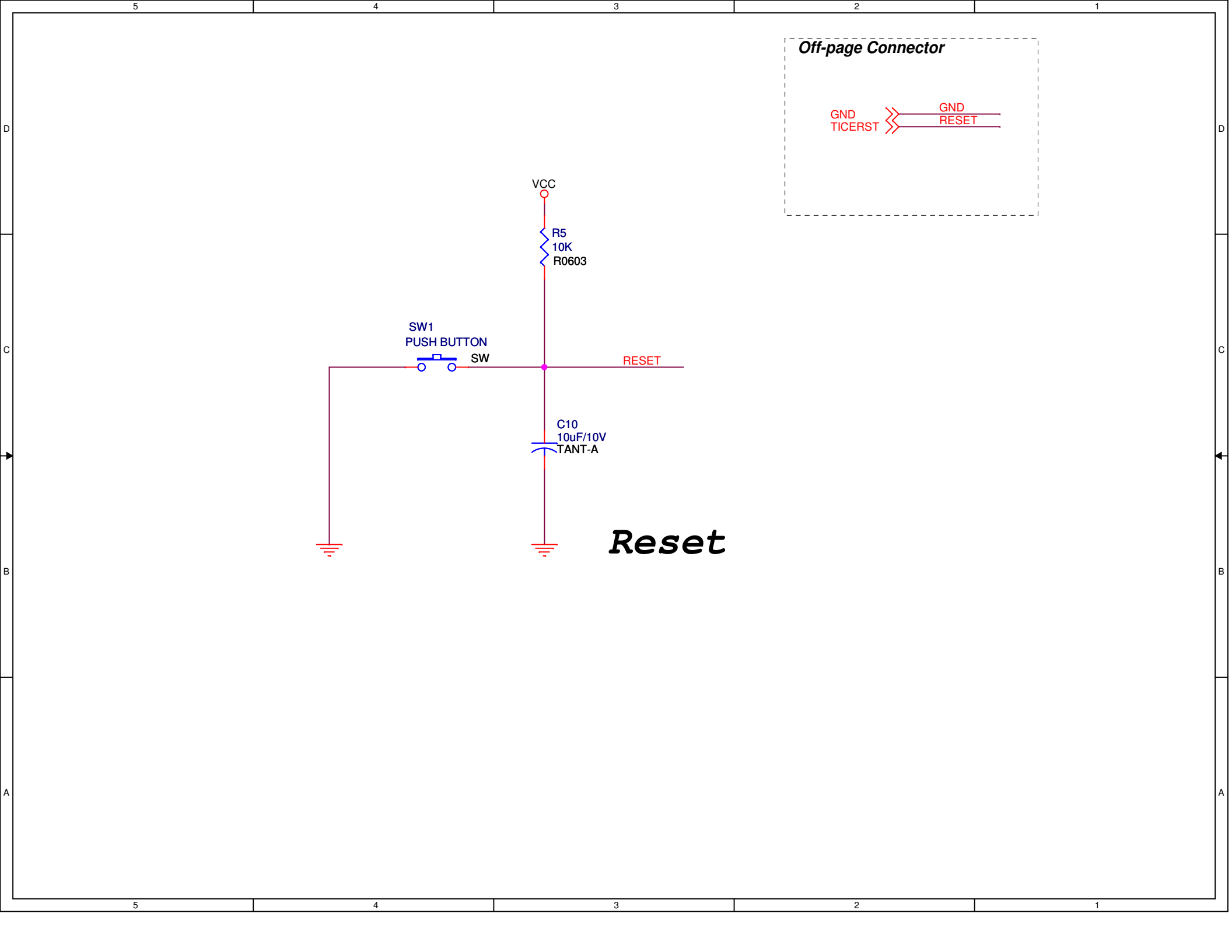


# ICE INTERFACE

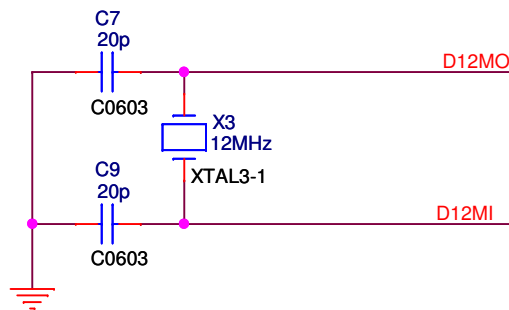


## Off-page Connector

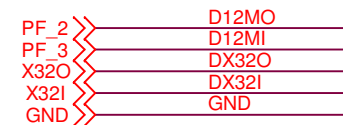




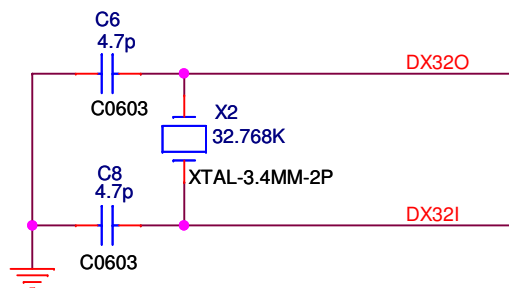
# 12 MHz Crystal

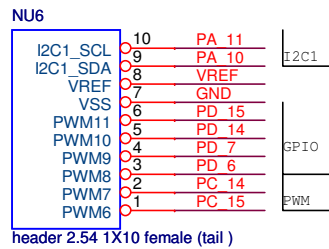
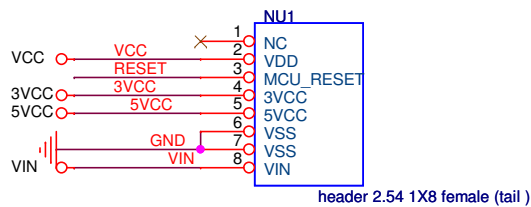


## Off-page Connector

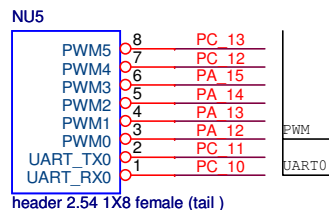
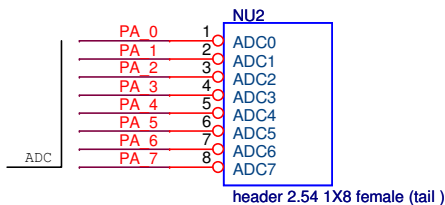
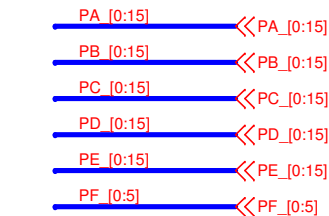


# 32.768 KHz Crystal

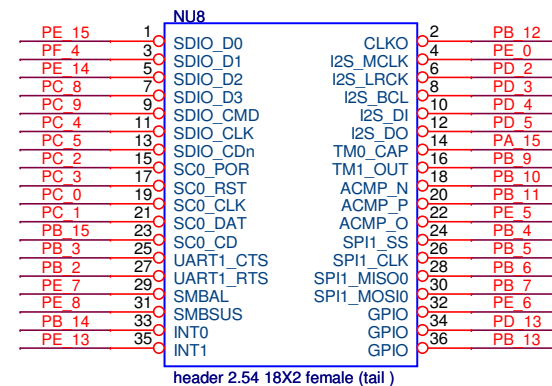
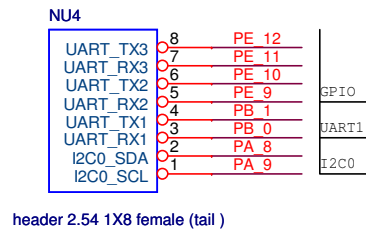
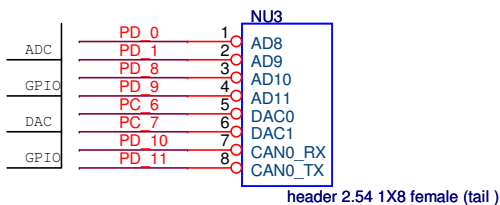




## Off-page Connector



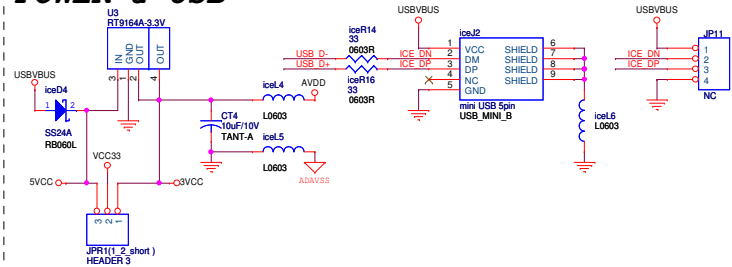
# Interface Connection





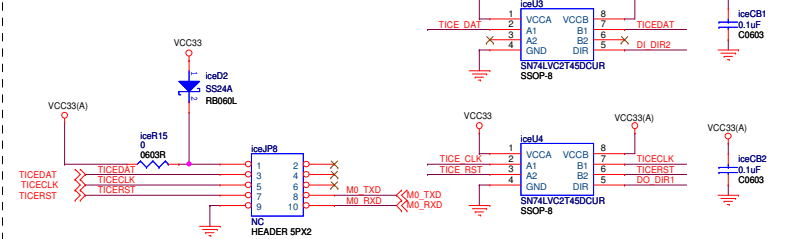


## POWER & USB



## SWD Interface

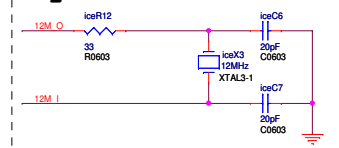
iceR15  
Short : Support 3.3v to target chip  
Open: target chip has its power source (1.8v ~ 3.6v)



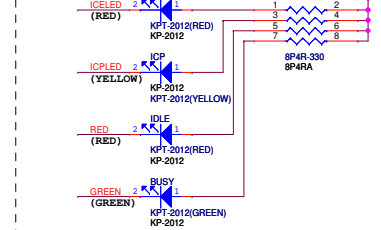
## Off-page Connector



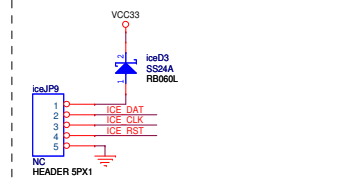
## Crystal



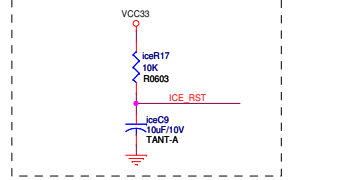
## LED



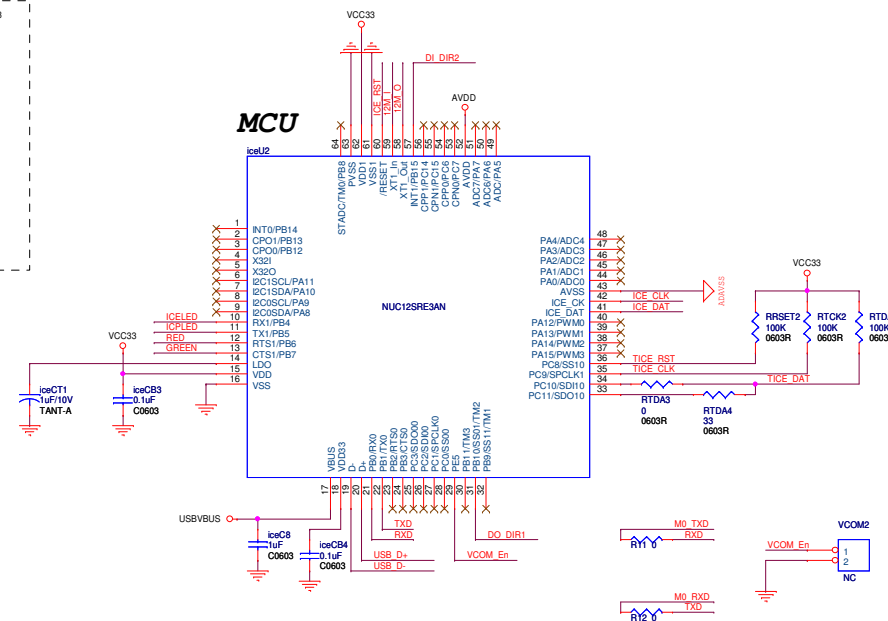
## DEBUG



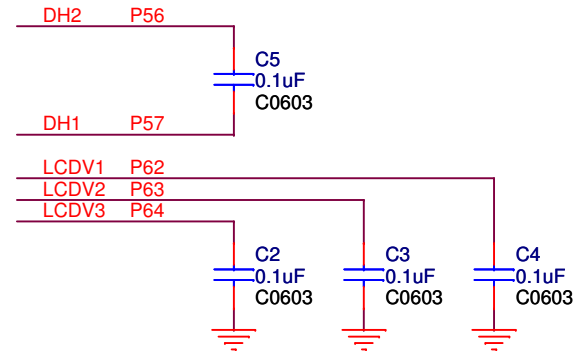
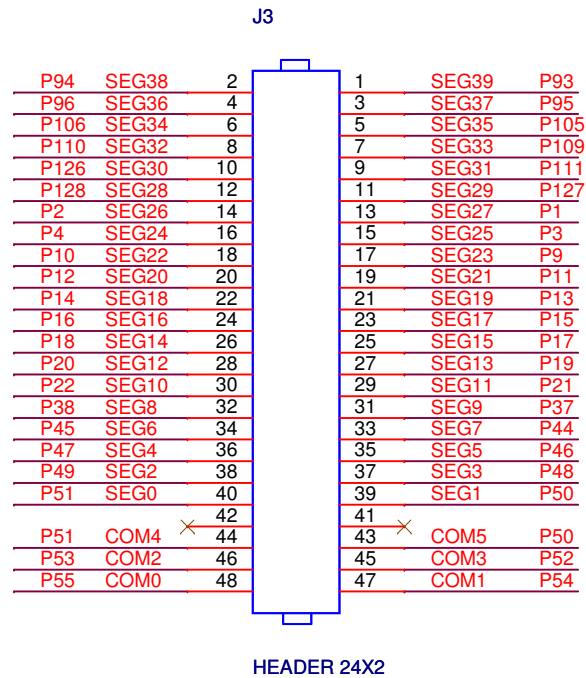
## Reset Circuit



## MCU



# LCD 4x40 or 6x40



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