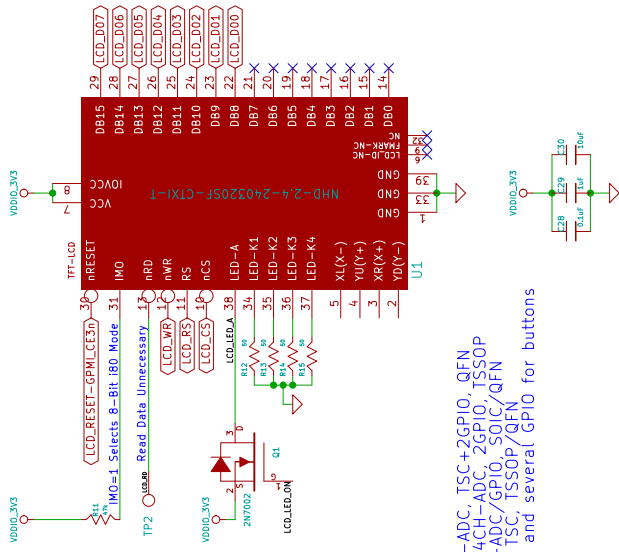


Notes:  
– All capacitors are X7R, 6.3V, 20% or better unless otherwise noted



TODO: Select Touch Screen Controller  
1st Choice: STMP610 \$1.50/100 I2C/SPI 12Bit-120kSPS-6CH-ADC, TSC+2GPIO, QFN  
2nd Choice: MSP430F2013 \$2.00/100 I2C/SPI 16Bit-100kSPS-4CH-ADC, 2GPIO, TSSOP  
3rd Choice: ATtiny261 \$1.50/100 I2C/SPI 10bit-15kSPS-10CH-ADC/GPIO, 5GPIO/QFN  
4th Choice: TSC2046 \$2.15/100 SPI 12Bit-125kSPS-6CH-ADC, TSC, TSSOP/QFN  
Or, some microcontroller with at least 4 ADC inputs at 100kSPS and several GPIO for buttons

- XTAL0 XTAL0
- XTAL XTAL
- PSWITCH PSWITCH
- USB\_DP USB\_DP
- USB\_DM USB\_DM
- LCD\_CS
- LCD\_D00
- LCD\_D01
- LCD\_D02
- LCD\_D03
- LCD\_D04
- LCD\_D05
- LCD\_D06
- LCD\_D07
- LCD\_DOTCK-GPMLRDY3
- LCD\_DOTCK-GPMLRDY3
- LCD\_ENABLE-I2C\_SCL
- LCD\_ENABLE-I2C\_SCL
- LCD\_HSYNC-I2C\_SDA
- LCD\_HSYNC-I2C\_SDA
- LCD\_RESET-GPMLCE3n
- LCD\_RESET-GPMLCE3n
- LCD\_RS
- LCD\_VSYNC-LCD\_BUSY
- LCD\_VSYNC-LCD\_BUSY
- LCD\_WR
- GPMLALE-LCD\_D17
- GPMLALE-LCD\_D17
- GPMLCIE-LCD\_D16
- GPMLCIE-LCD\_D16
- GPMLCE3n GPMLCE3n
- GPMLCE3n GPMLCE3n
- GPMLD00-LCD\_D8-SSP2\_DATA0
- GPMLD00-LCD\_D8-SSP2\_DATA0
- GPMLD01-LCD\_D9-SSP2\_DATA1
- GPMLD01-LCD\_D9-SSP2\_DATA1
- GPMLD02-LCD\_D10-SSP2\_DATA2
- GPMLD02-LCD\_D10-SSP2\_DATA2
- GPMLD03-LCD\_D11-SSP2\_DATA3
- GPMLD03-LCD\_D11-SSP2\_DATA3
- GPMLD04-LCD\_D12-SSP2\_DATA4
- GPMLD04-LCD\_D12-SSP2\_DATA4
- GPMLD05-LCD\_D13-SSP2\_DATA5
- GPMLD05-LCD\_D13-SSP2\_DATA5
- GPMLD06-LCD\_D14-SSP2\_DATA6
- GPMLD06-LCD\_D14-SSP2\_DATA6
- GPMLD07-LCD\_D15-SSP2\_DATA7
- GPMLD07-LCD\_D15-SSP2\_DATA7
- GPMLRDn GPMLRDn
- GPMLRDn GPMLRDn
- GPMLRDY0-SSP2\_DETECT
- GPMLRDY0-SSP2\_DETECT
- GPMLRDY1-SSP2\_CMD
- GPMLRDY1-SSP2\_CMD
- GPMLRDY2-SSP2\_CMD
- GPMLRDY2-SSP2\_CMD
- GPMLWFn GPMLWFn
- GPMLWFn GPMLWFn
- PWM0-ROTARYA-DUART\_RX
- PWM0-ROTARYA-DUART\_RX
- PWM1-ROTARYB-DUART\_TX
- PWM1-ROTARYB-DUART\_TX
- PWM2-ROTARYC-DUART\_TX
- PWM2-ROTARYC-DUART\_TX
- I2C\_SDA-GPMLRDY2-AUART1\_RX
- I2C\_SDA-GPMLRDY2-AUART1\_RX
- I2C\_SCL-GPMLRDY2-AUART1\_TX
- I2C\_SCL-GPMLRDY2-AUART1\_TX
- SSP1\_CMD-JTAG\_TDO
- SSP1\_CMD-JTAG\_TDO
- SSP1\_DATA0-JTAG\_TDI
- SSP1\_DATA0-JTAG\_TDI
- SSP1\_DATA1-I2C\_SCL-JTAG\_TCK
- SSP1\_DATA1-I2C\_SCL-JTAG\_TCK
- SSP1\_DATA2-I2C\_SDA-JTAG\_RTCK
- SSP1\_DATA2-I2C\_SDA-JTAG\_RTCK
- SSP1\_DATA3-JTAG\_TMS
- SSP1\_DATA3-JTAG\_TMS
- SSP1\_DETECT-GPMLCE3n-USB\_ID
- SSP1\_DETECT-GPMLCE3n-USB\_ID
- SSP1\_SCK-JTAG\_TRST
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