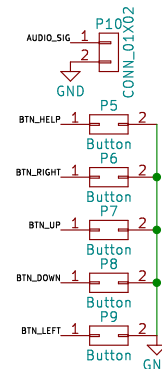


Sheet: base-transceiver
 >VCC
 >VREF
 UART_TX >UART_DIN
 UART_RX >UART_DOUT
 UART_CTS >CTS
 UART_RTS >RTS
 >Reset
 File: base-transceiver.sch

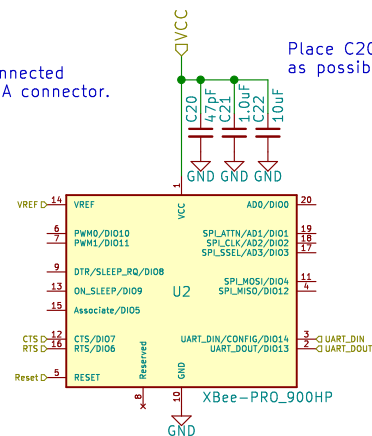
Sheet: base-display
 >VCC
 >DATA_0
 >DATA_1
 >DATA_2
 >DATA_3
 >DATA_4
 >DATA_5
 >DATA_6
 >DATA_7
 DISP_B0 >REG_SEL
 DISP_B1 >READ_WRITE
 DISP_B2 >ENABLE
 DISP_B3 >DISP_E
 >BRIGHT
 >CONTRAST
 File: base-display.sch



Sheet: /	
File: base.sch	
Title: Base - Central	
Size: A4	Date: April 7, 2017
KiCad E.D.A. kicad 4.0.5	Rev: 0.2
	Id: 1/3

Antenna needs to be connected through the on-chip SMA connector.

Place C20, C21, and C22 as close as possible to pin 1, in that order.



Sheet: /base-transceiver/
File: base-transceiver.sch

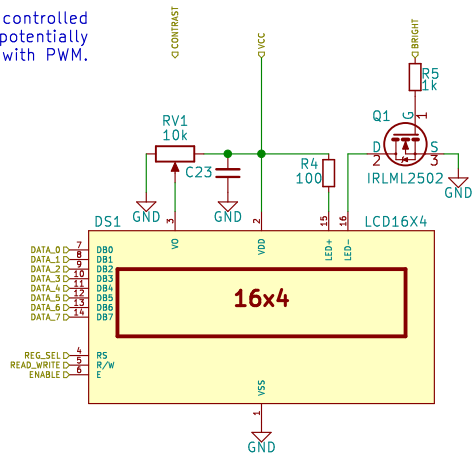
Title: Base - Transceiver

Size: A4 Date: March 4, 2017

KiCad E.D.A. kicad 4.0.5

Rev: 0.1

Id: 2/3



Text contrast currently controlled with potentiometer; potentially to be controlled with PWM.

LCD brightness to be controlled through PWM.

Sheet: /base-display/
File: base-display.sch

Title: Base - Display

Size: A4 Date: April 6, 2017

KiCad E.D.A. kicad 4.0.5

Rev: 0.1

Id: 3/3