

TX is Output
RX is Input
/CTS is Input
/RTS is Output

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Sheet:
File: USB_UART.kicad_sch

Title: GeneralPurposeAlarmDevicePCB

Size: USLetter Date: 2023-03-02
KiCad E.D.A. kicad 7.0.1

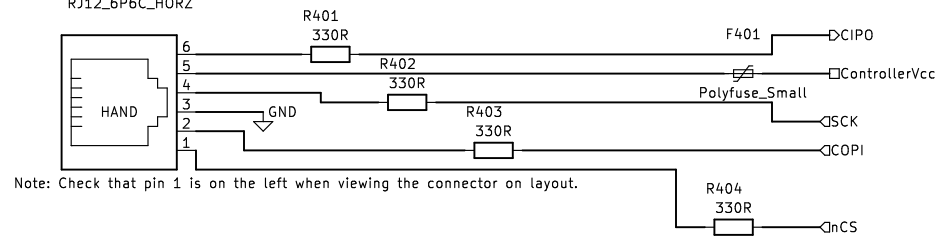
Rev: 2.1
Id: 2/7

SPI Peripheral Interface

```

/* Hardware Notes Peripheral
SPI Line Pin in Arduino, IO setup
MOSI 11 or ICSP-4 Input, ATmegaPin BP3, 17
MISO 12 or ICSP-1 Output, ATmegaPin BP4, 18
SCK 13 or ICSP-3 Input, ATmegaPin BP5, 19
SS 10 Input, ATmegaPin BP2, 16
*/
J401
RJ12_6P6C_HORZ

```



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Sheet:
 File: SPI_Peripheral.kicad_sch

Title: GeneralPurposeAlarmDevicePCB

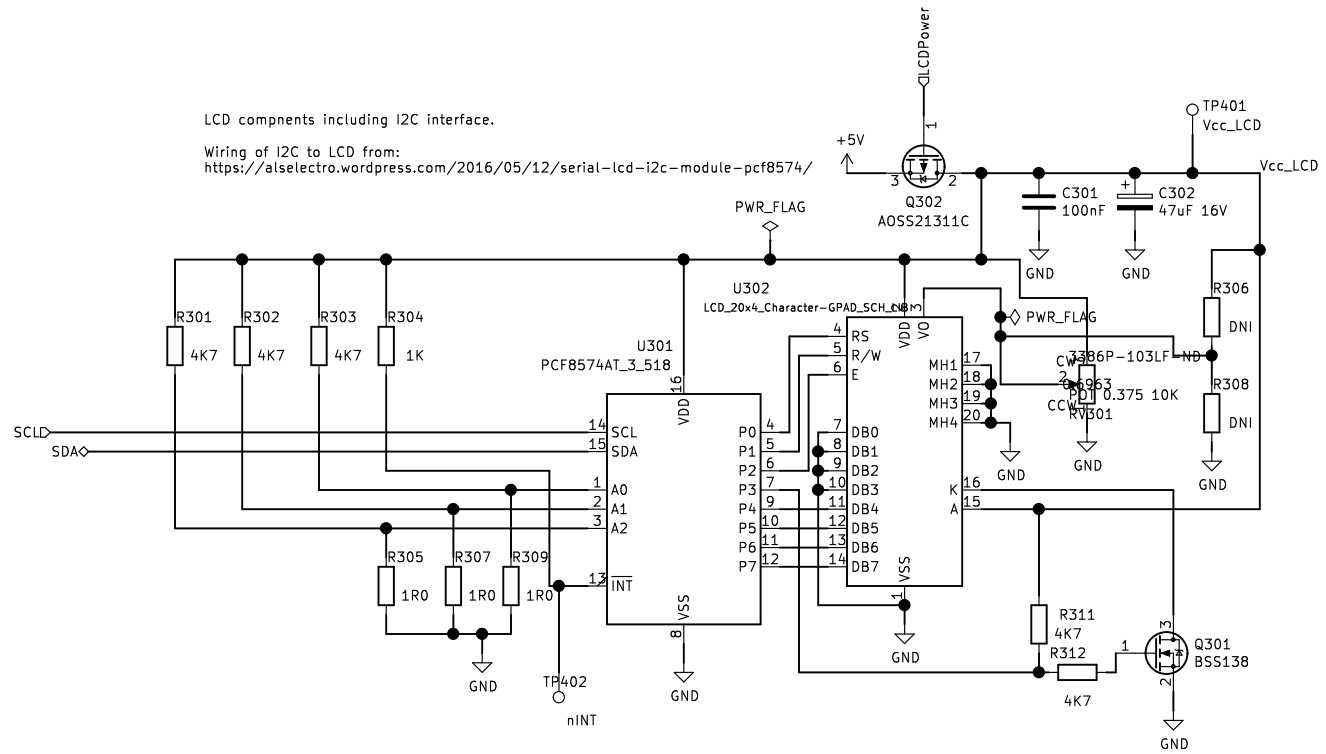
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LCD compnents including I2C interface.

Wiring of I2C to LCD from:
<https://alselectro.wordpress.com/2016/05/12/serial-lcd-i2c-module-pcf8574/>



MF401 Screw_4-40_0.375-Phillips MF404 Screw_4-40_0.375-Phillips MF407 Screw_4-40_0.375-Phillips MF410 Screw_4-40_0.375-Phillips

MF402 Spacer_0.0182x0.125 inch MF405 Spacer_0.0182x0.125 inch MF408 Spacer_0.0182x0.125 inch MF411 Spacer_0.0182x0.125 inch

MF403 Nut_4-40_Lock_External-Tooth MF406 Nut_4-40_Lock_External-Tooth MF409 Nut_4-40_Lock_External-Tooth MF412 Nut_4-40_Lock_External-Tooth

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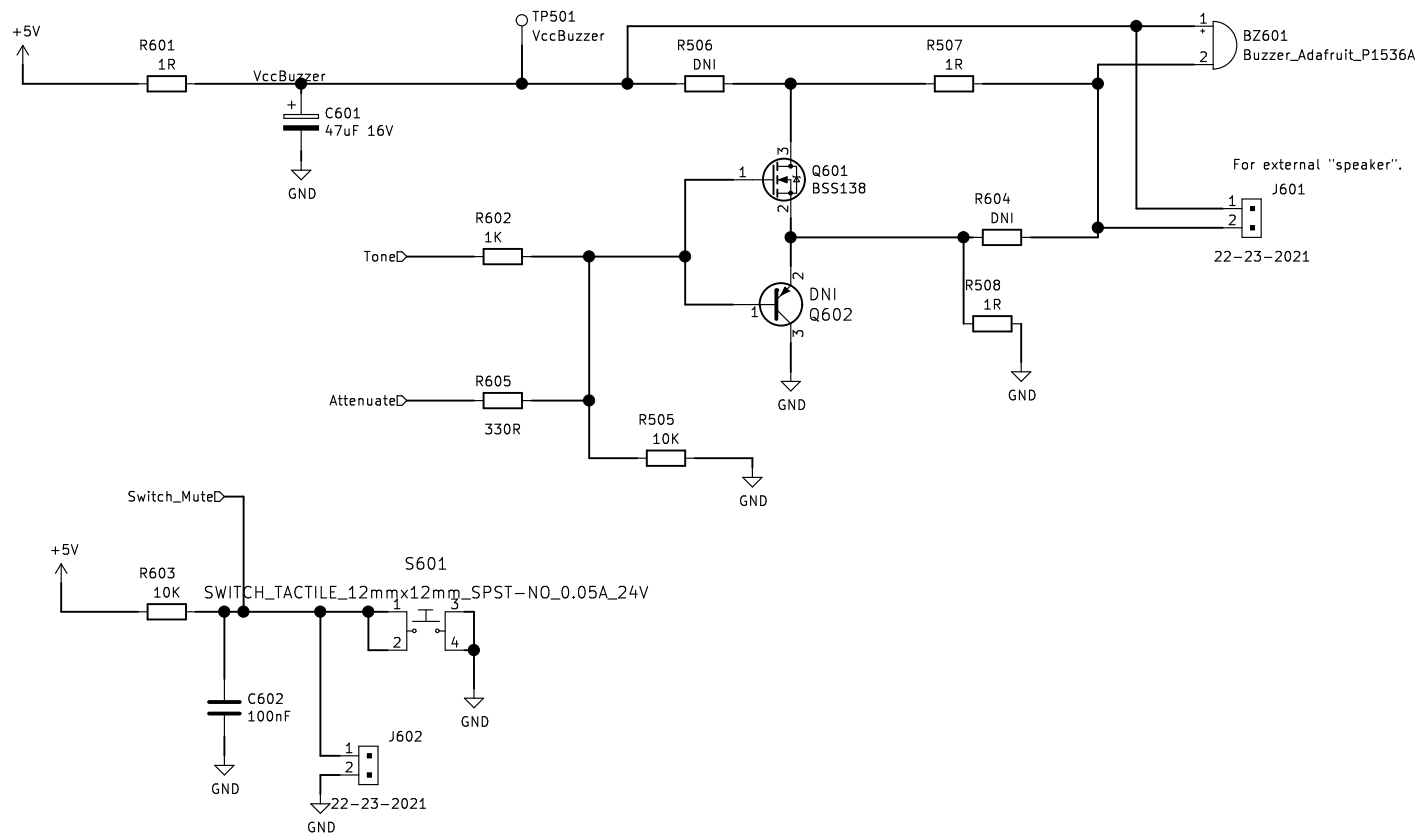
Sheet:
 File: LCD And I2C Interface.kicad_sch

Title: GeneralPurposeAlarmDevicePCB

Size: USLetter Date: 2023-03-02
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Sheet:
File: AlarmAudio.kicad_sch

Title: GeneralPurposeAlarmDevicePCB

Size: USLetter Date: 2023-03-02
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Rev: 2.1
Id: 5/7



