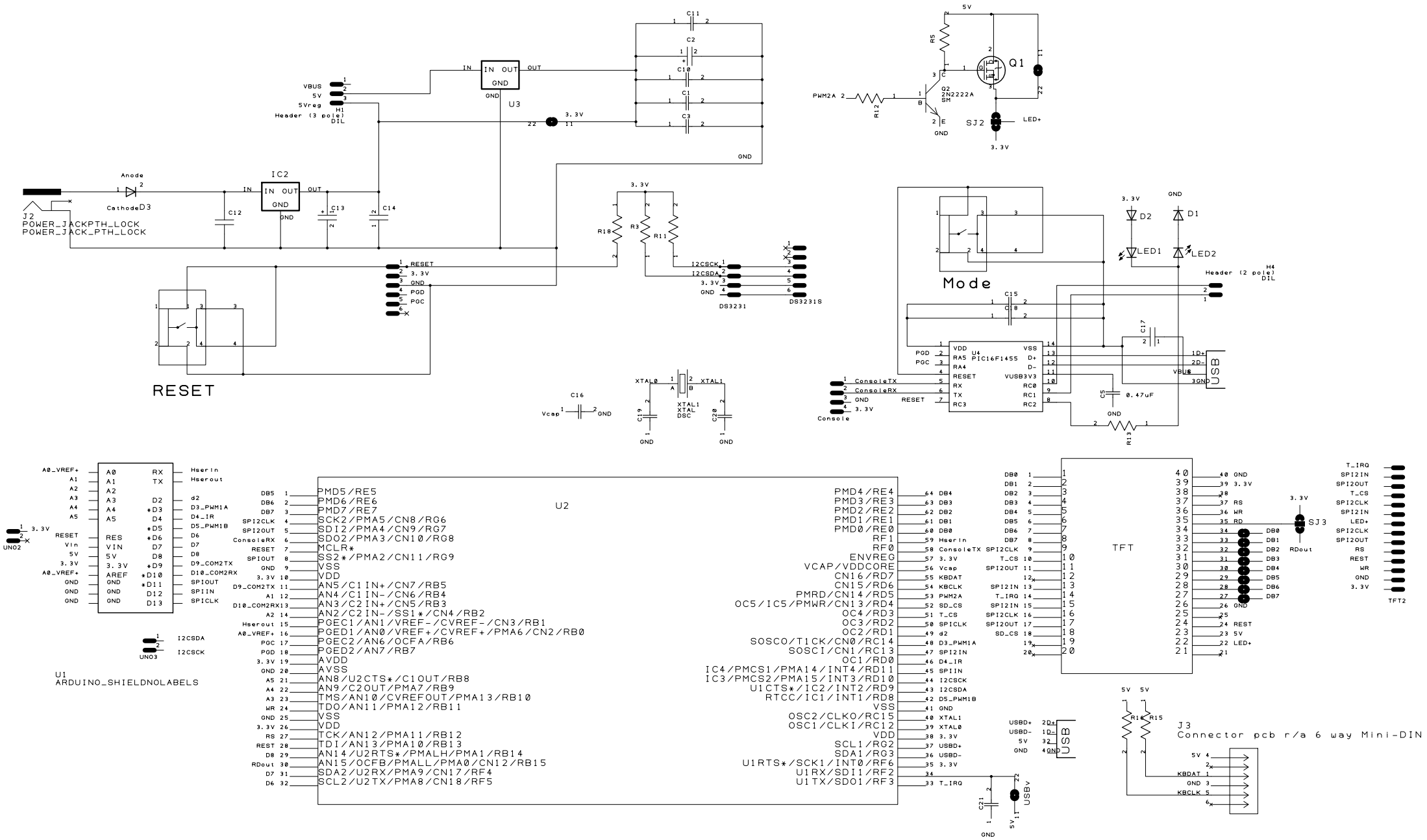
RESET
Mode
U2
U1
ARDUINO_SHIELDNOLABELS
TFT
J3
Connector pcb r/a 6 way Mini-DIN
POWER_JACKPTH_LOCK
POWER_JACK_PTH_LOCK
Header (3 pole)
Header (2 pole)
DS3231
DS3231S
Console
USB
PIC16F1455
XTAL1
XTAL
DSC
PMD5/RE5
PMD6/RE6
PMD7/RE7
SCK2/PMA5/CN8/RG6
SDI2/PMA4/CN9/RG7
SDO2/PMA3/CN10/RG8
MCLR*
SS2*/PMA2/CN11/RG9
VSS
VDD
AN5/C1IN+/CN7/RB5
AN4/C1IN-/CN6/RB4
AN3/C2IN+/CN5/RB3
AN2/C2IN-/SS1*/CN4/RB2
PGEC1/AN1/VREF-/CVREF-/CN3/RB1
PGED1/AN0/VREF+/CVREF+/PMA6/CN2/RB0
PGEC2/AN6/OCFA/RB6
PGED2/AN7/RB7
AVDD
AVSS
AN8/U2CTS*/C1OUT/RB8
AN9/C2OUT/PMA7/RB9
TMS/AN10/CVREFOUT/PMA13/RB10
TDO/AN11/PMA12/RB11
VSS
VDD
TCK/AN12/PMA11/RB12
TDI/AN13/PMA10/RB13
AN14/U2RTS*/PMALH/PMA1/RB14
AN15/OCFB/PMALL/PMA0/CN12/RB15
SDA2/U2RX/PMA9/CN17/RF4
SCL2/U2TX/PMA8/CN18/RF5
PMD4/RE4
PMD3/RE3
PMD2/RE2
PMD1/RE1
PMD0/RE0
RF1
RF0
ENVREG
VCAP/VDDCORE
CN16/RD7
CN15/RD6
PMRD/CN14/RD5
OC5/IC5/PMWR/CN13/RD4
OC4/RD3
OC3/RD2
OC2/RD1
SOSCO/T1CK/CN0/RC14
SOSCI/CN1/RC13
OC1/RD0
IC4/PMCS1/PMA14/INT4/RD11
IC3/PMCS2/PMA15/INT3/RD10
U1CTS*/IC2/INT2/RD9
RTCC/IC1/INT1/RD8
VSS
OSC2/CLKO/RC15
OSC1/CLKI/RC12
VDD
SCL1/RG2
SDA1/RG3
U1RTS*/SCK1/INT0/RF6
U1RX/SDI1/RF2
U1TX/SDO1/RF3
TFT2
Q1
Q2
2N2222A
SM
SJ2
SJ3
LED+
LED1
LED2
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
0.47uF
Vcap
Anode
Cathode
VBUS
5V
5Vreg
GND
3.3V
RESET
PGD
PGC
I2CSCK
I2CSDA
ConsoleTX
ConsoleRX
T_IRQ
SPI2IN
SPI2OUT
T_CS
SPI2CLK
SPI2IN
LED+
SPI2CLK
SPI2OUT
RS
REST
WR
GND
3.3V
USBV
USBD+
USBD-
KBDAT
KBCLK