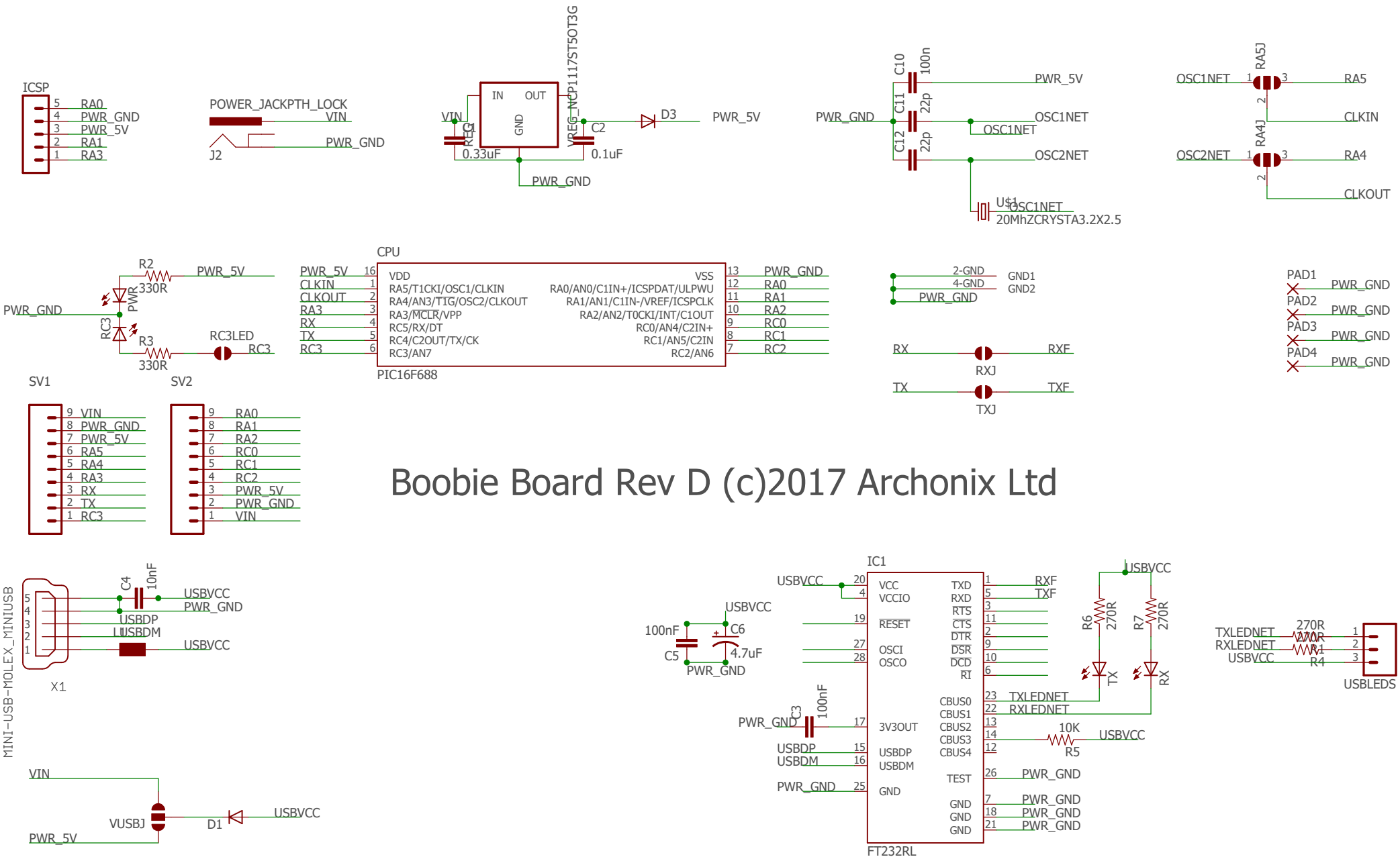
ICSP
RA0
PWR_GND
PWR_5V
RA1
RA3
POWER_JACKPTH_LOCK
VIN
PWR_GND
J2
VREG_NCP1117ST50T3G
IN
OUT
GND
VIN
REG1
0.33uF
C2
0.1uF
D3
PWR_5V
PWR_GND
C10
100n
C11
22p
C12
22p
PWR_5V
PWR_GND
OSC1NET
OSC1NET
OSC2NET
U$1
OSC1NET
20MhZCRYSTA3.2X2.5
OSC1NET
RA5J
RA5
CLKIN
OSC2NET
RA4J
RA4
CLKOUT
R2
330R
PWR_5V
PWR_GND
PWR
RC3
R3
330R
RC3LED
RC3
SV1
SV2
CPU
PWR_5V
CLKIN
CLKOUT
RA3
RX
TX
RC3
VDD
RA5/T1CKI/OSC1/CLKIN
RA4/AN3/T1G/OSC2/CLKOUT
RA3/MCLR/VPP
RC5/RX/DT
RC4/C2OUT/TX/CK
RC3/AN7
VSS
RA0/AN0/C1IN+/ICSPDAT/ULPWU
RA1/AN1/C1IN-/VREF/ICSPCLK
RA2/AN2/T0CKI/INT/C1OUT
RC0/AN4/C2IN+
RC1/AN5/C2IN
RC2/AN6
PWR_GND
RA0
RA1
RA2
RC0
RC1
RC2
PIC16F688
2-GND
4-GND
PWR_GND
GND1
GND2
RX
RXJ
RXF
TX
TXJ
TXF
PAD1
PAD2
PAD3
PAD4
PWR_GND
PWR_GND
PWR_GND
PWR_GND
VIN
PWR_GND
PWR_5V
RA0
RA1
RA2
RA5
RA4
RA3
RX
TX
RC3
RA0
RC0
RC1
RC2
PWR_5V
PWR_GND
VIN
Boobie Board Rev D (c)2017 Archonix Ltd
MINI-USB-MOLEX_MINIUSB
C4
10nF
USBVCC
PWR_GND
USBDP
USBDM
USBVCC
X1
VIN
VUSBJ
D1
USBVCC
PWR_5V
IC1
USBVCC
VCC
VCCIO
RESET
OSCI
OSCO
3V3OUT
USBDP
USBDM
GND
TXD
RXD
RTS
CTS
DTR
DSR
DCD
RI
CBUS0
CBUS1
CBUS2
CBUS3
CBUS4
TEST
GND
GND
GND
RXF
TXF
TXLEDNET
RXLEDNET
PWR_GND
PWR_GND
PWR_GND
PWR_GND
FT232RL
USBVCC
100nF
C6
C5
4.7uF
PWR_GND
PWR_GND
C3
100nF
USBDP
USBDM
PWR_GND
USBVCC
R6
270R
R7
270R
TX
RX
10K
R5
USBVCC
TXLEDNET
RXLEDNET
USBVCC
270R
270R
R1
R4
USBLEDS