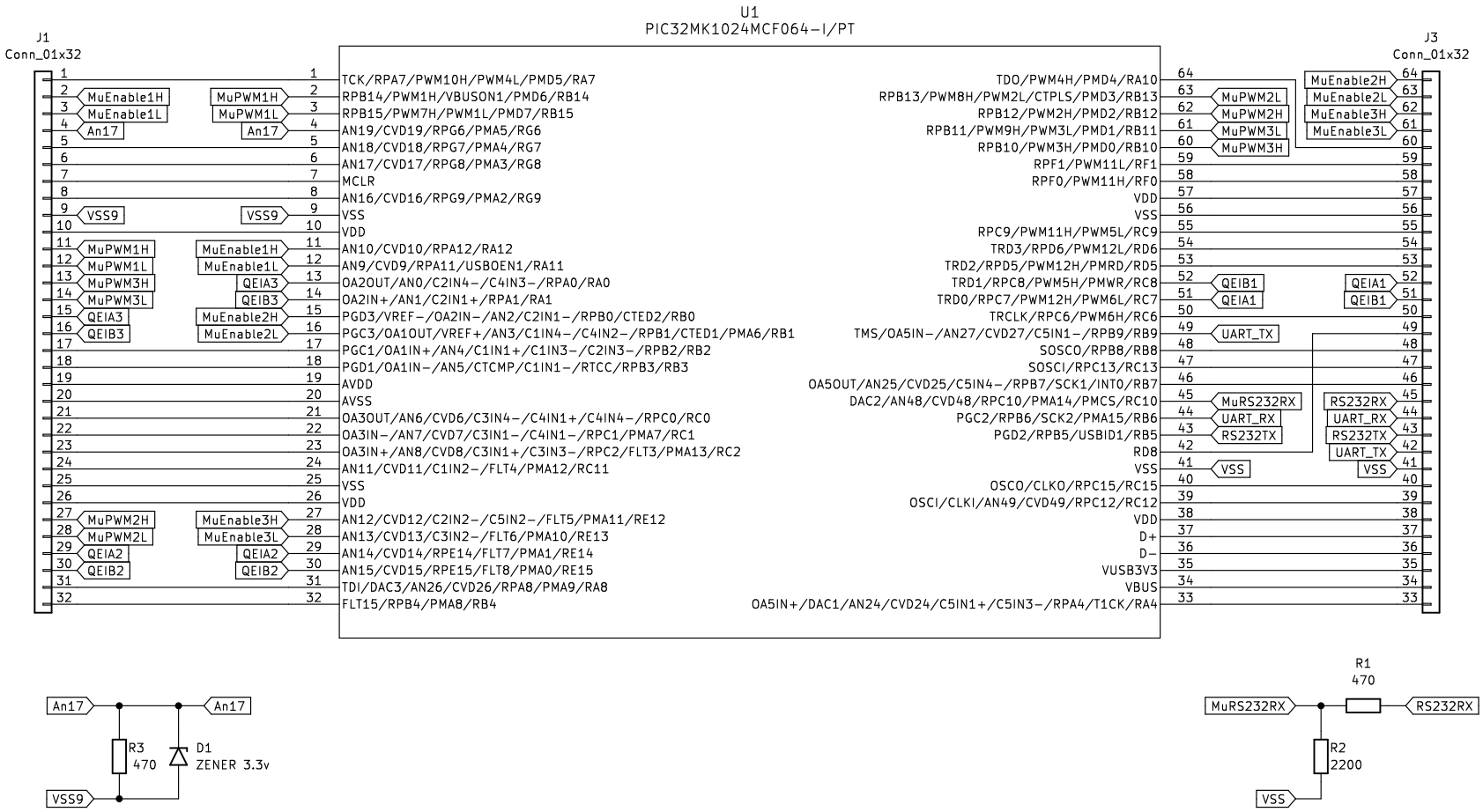
U1
PIC32MK1024MCF064-I/PT
J1
Conn_01x32
J3
Conn_01x32
TCK/RPA7/PWM10H/PWM4L/PMD5/RA7
RPB14/PWM1H/VBUSON1/PMD6/RB14
RPB15/PWM7H/PWM1L/PMD7/RB15
AN19/CVD19/RPG6/PMA5/RG6
AN18/CVD18/RPG7/PMA4/RG7
AN17/CVD17/RPG8/PMA3/RG8
MCLR
AN16/CVD16/RPG9/PMA2/RG9
VSS
VDD
AN10/CVD10/RPA12/RA12
AN9/CVD9/RPA11/USBOEN1/RA11
OA2OUT/AN0/C2IN4-/C4IN3-/RPA0/RA0
OA2IN+/AN1/C2IN1+/RPA1/RA1
PGD3/VREF-/OA2IN-/AN2/C2IN1-/RPB0/CTED2/RB0
PGC3/OA1OUT/VREF+/AN3/C1IN4-/C4IN2-/RPB1/CTED1/PMA6/RB1
PGC1/OA1IN+/AN4/C1IN1+/C1IN3-/C2IN3-/RPB2/RB2
PGD1/OA1IN-/AN5/CTCMP/C1IN1-/RTCC/RPB3/RB3
AVDD
AVSS
OA3OUT/AN6/CVD6/C3IN4-/C4IN1+/C4IN4-/RPC0/RC0
OA3IN-/AN7/CVD7/C3IN1-/C4IN1-/RPC1/PMA7/RC1
OA3IN+/AN8/CVD8/C3IN1+/C3IN3-/RPC2/FLT3/PMA13/RC2
AN11/CVD11/C1IN2-/FLT4/PMA12/RC11
VSS
VDD
AN12/CVD12/C2IN2-/C5IN2-/FLT5/PMA11/RE12
AN13/CVD13/C3IN2-/FLT6/PMA10/RE13
AN14/CVD14/RPE14/FLT7/PMA1/RE14
AN15/CVD15/RPE15/FLT8/PMA0/RE15
TDI/DAC3/AN26/CVD26/RPA8/PMA9/RA8
FLT15/RPB4/PMA8/RB4
TDO/PWM4H/PMD4/RA10
RPB13/PWM8H/PWM2L/CTPLS/PMD3/RB13
RPB12/PWM2H/PMD2/RB12
RPB11/PWM9H/PWM3L/PMD1/RB11
RPB10/PWM3H/PMD0/RB10
RPF1/PWM11L/RF1
RPF0/PWM11H/RF0
VDD
VSS
RPC9/PWM11H/PWM5L/RC9
TRD3/RPD6/PWM12L/RD6
TRD2/RPD5/PWM12H/PMRD/RD5
TRD1/RPC8/PWM5H/PMWR/RC8
TRD0/RPC7/PWM12H/PWM6L/RC7
TRCLK/RPC6/PWM6H/RC6
TMS/OA5IN-/AN27/CVD27/C5IN1-/RPB9/RB9
SOSCO/RPB8/RB8
SOSCI/RPC13/RC13
OA5OUT/AN25/CVD25/C5IN4-/RPB7/SCK1/INT0/RB7
DAC2/AN48/CVD48/RPC10/PMA14/PMCS/RC10
PGC2/RPB6/SCK2/PMA15/RB6
PGD2/RPB5/USBID1/RB5
RD8
VSS
OSCO/CLKO/RPC15/RC15
OSCI/CLKI/AN49/CVD49/RPC12/RC12
VDD
D+
D-
VUSB3V3
VBUS
OA5IN+/DAC1/AN24/CVD24/C5IN1+/C5IN3-/RPA4/T1CK/RA4
MuEnable1H
MuEnable1L
An17
MuPWM1H
MuPWM1L
VSS9
MuPWM3H
MuPWM3L
QEIA3
QEIB3
MuEnable2H
MuEnable2L
MuPWM2H
MuPWM2L
QEIA2
QEIB2
MuEnable3H
MuEnable3L
QEIB1
QEIA1
UART_TX
MuRS232RX
UART_RX
RS232TX
RS232RX
VSS
An17
R3
470
D1
ZENER 3.3v
VSS9
R1
470
MuRS232RX
RS232RX
R2
2200
VSS