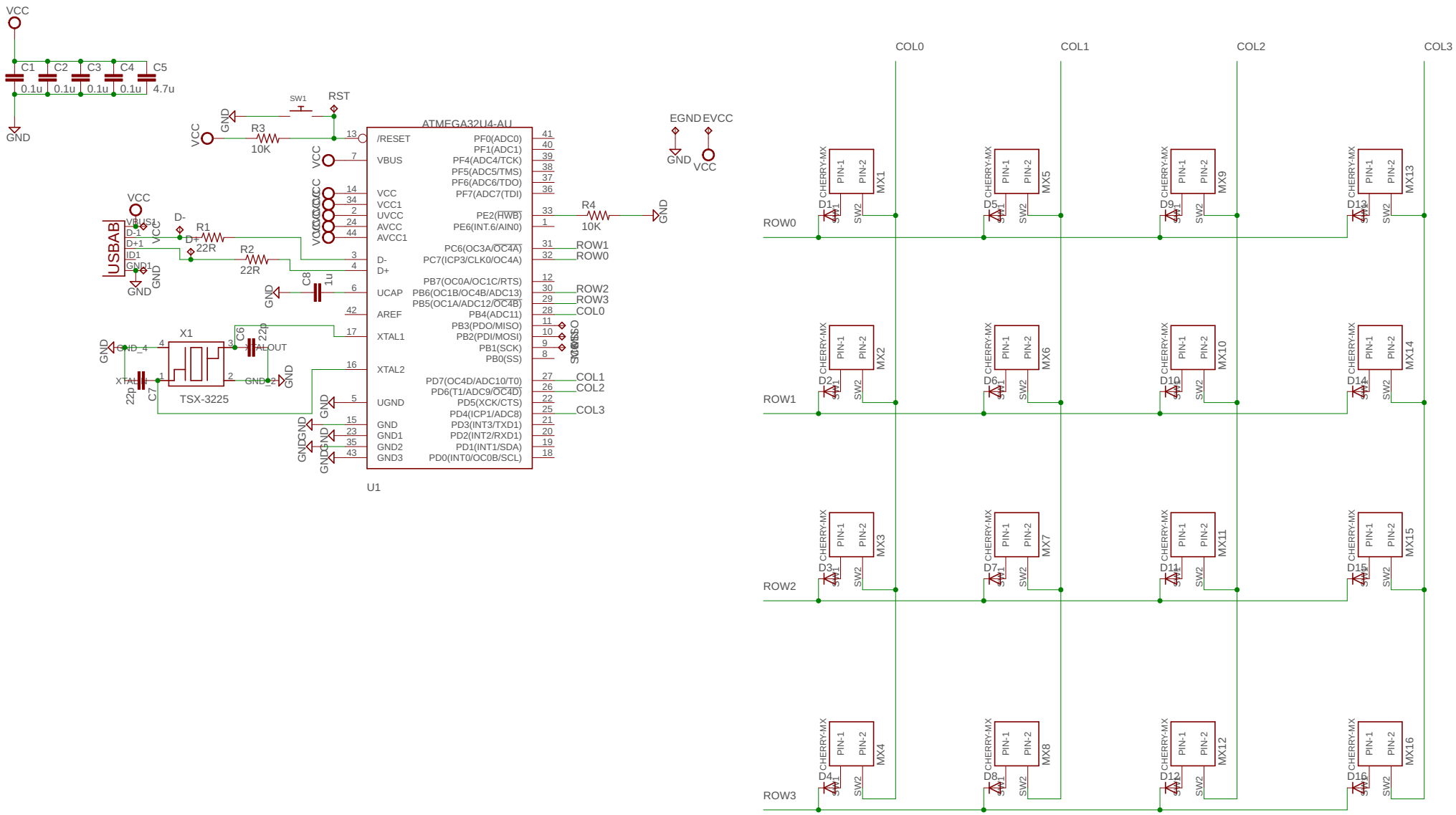
VCC
C1 C2 C3 C4 C5
0.1u 0.1u 0.1u 0.1u 4.7u
GND
SW1
RST
R3
10K
ATMEGA32U4-AU
/RESET
VBUS
VCC
VCC1
UVCC
AVCC
AVCC1
D-
D+
UCAP
AREF
XTAL1
XTAL2
UGND
GND
GND1
GND2
GND3
PF0(ADC0)
PF1(ADC1)
PF4(ADC4/TCK)
PF5(ADC5/TMS)
PF6(ADC6/TDO)
PF7(ADC7(TDI)
PE2(HWB)
PE6(INT.6/AIN0)
PC6(OC3A/OC4A)
PC7(ICP3/CLK0/OC4A)
PB7(OC0A/OC1C/RTS)
PB6(OC1B/OC4B/ADC13)
PB5(OC1A/ADC12/OC4B)
PB4(ADC11)
PB3(PDO/MISO)
PB2(PDI/MOSI)
PB1(SCK)
PB0(SS)
PD7(OC4D/ADC10/T0)
PD6(T1/ADC9/OC4D)
PD5(XCK/CTS)
PD4(ICP1/ADC8)
PD3(INT3/TXD1)
PD2(INT2/RXD1)
PD1(INT1/SDA)
PD0(INT0/OC0B/SCL)
U1
EGND EVCC
R4
10K
USBAB
VBUS1
D-1
D+1
ID1
GND1
R1
22R
R2
22R
C8
1u
X1
TSX-3225
C6 22p
C7 22p
XTALOUT
GND_4
GND_2
ROW0
ROW1
ROW2
ROW3
COL0
COL1
COL2
COL3
CHERRY-MX
PIN-1
PIN-2
SW1
SW2
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16
MX1 MX2 MX3 MX4 MX5 MX6 MX7 MX8 MX9 MX10 MX11 MX12 MX13 MX14 MX15 MX16