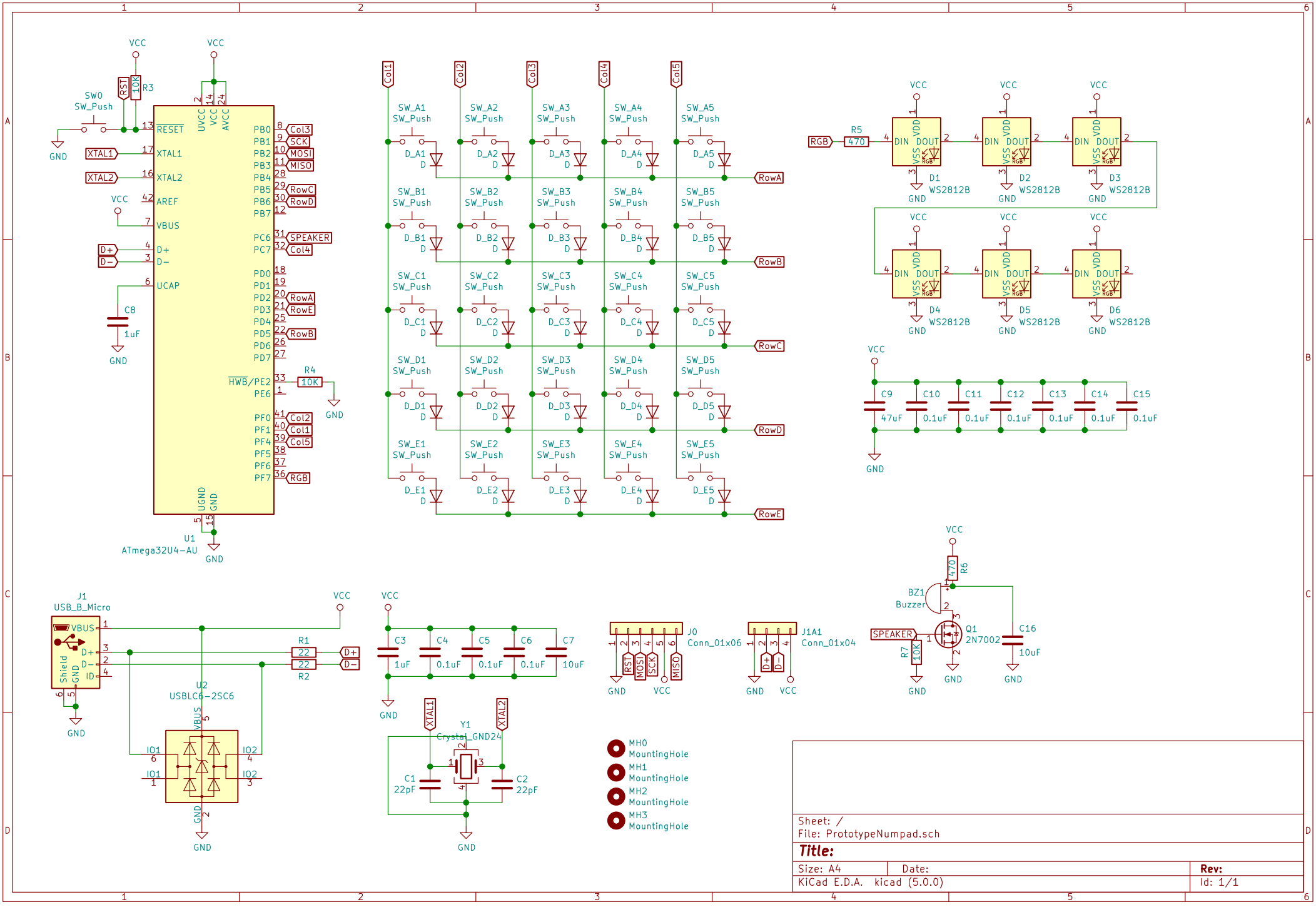
U1
ATmega32U4-AU
SW0
SW_Push
R3
10K
RST
XTAL1
XTAL2
D+
D-
C8
1uF
R4
10K
HWB/PE2
PB0 Col3
PB1 SCK
PB2 MOSI
PB3 MISO
PB5 RowC
PB6 RowD
PC6 SPEAKER
PC7 Col4
PD2 RowA
PD3 RowE
PD5 RowB
PF0 Col2
PF1 Col1
PF4 Col5
PF7 RGB
SW_A1 SW_Push
SW_A2 SW_Push
SW_A3 SW_Push
SW_A4 SW_Push
SW_A5 SW_Push
SW_B1 SW_Push
SW_B2 SW_Push
SW_B3 SW_Push
SW_B4 SW_Push
SW_B5 SW_Push
SW_C1 SW_Push
SW_C2 SW_Push
SW_C3 SW_Push
SW_C4 SW_Push
SW_C5 SW_Push
SW_D1 SW_Push
SW_D2 SW_Push
SW_D3 SW_Push
SW_D4 SW_Push
SW_D5 SW_Push
SW_E1 SW_Push
SW_E2 SW_Push
SW_E3 SW_Push
SW_E4 SW_Push
SW_E5 SW_Push
Col1
Col2
Col3
Col4
Col5
RowA
RowB
RowC
RowD
RowE
R5
470
RGB
D1 WS2812B
D2 WS2812B
D3 WS2812B
D4 WS2812B
D5 WS2812B
D6 WS2812B
C9 47uF
C10 0.1uF
C11 0.1uF
C12 0.1uF
C13 0.1uF
C14 0.1uF
C15 0.1uF
J1
USB_B_Micro
VBUS
D+
D-
ID
Shield
R1 22
R2 22
U2
USBLC6-2SC6
C3 1uF
C4 0.1uF
C5 0.1uF
C6 0.1uF
C7 10uF
Y1
Crystal_GND24
C1 22pF
C2 22pF
J0
Conn_01x06
RST
MOSI
SCK
MISO
J1A1
Conn_01x04
R6
470
BZ1
Buzzer
SPEAKER
R7
10K
Q1
2N7002
C16
10uF
MH0
MountingHole
MH1
MountingHole
MH2
MountingHole
MH3
MountingHole
Sheet: /
File: PrototypeNumpad.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.0.0)
Id: 1/1