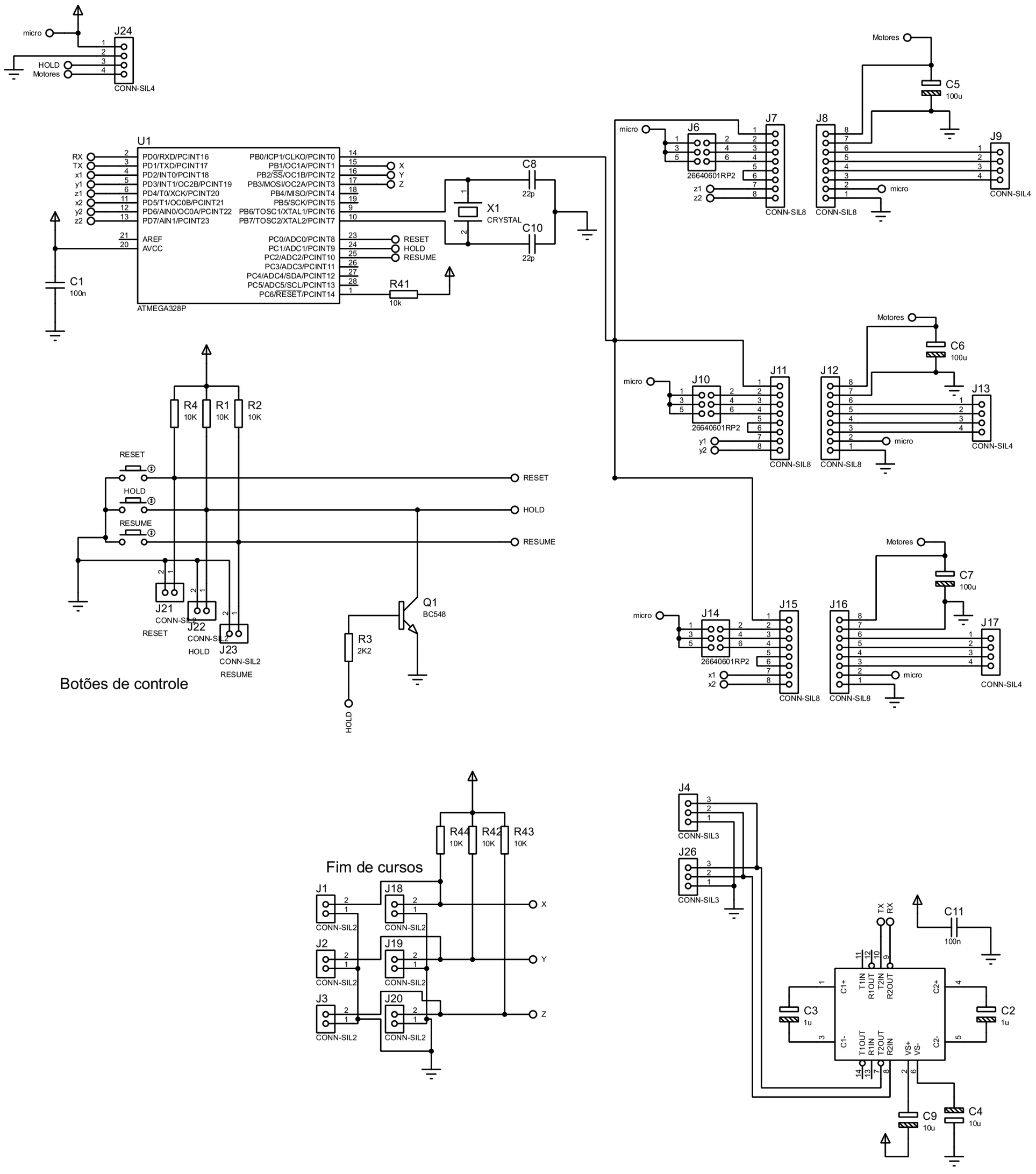
micro
J24
HOLD
Motores
CONN-SIL4
U1
RX
TX
x1
y1
z1
x2
y2
z2
PD0/RXD/PCINT16
PD1/TXD/PCINT17
PD2/INT0/PCINT18
PD3/INT1/OC2B/PCINT19
PD4/T0/XCK/PCINT20
PD5/T1/OC0B/PCINT21
PD6/AIN0/OC0A/PCINT22
PD7/AIN1/PCINT23
AREF
AVCC
PB0/ICP1/CLKO/PCINT0
PB1/OC1A/PCINT1
PB2/SS/OC1B/PCINT2
PB3/MOSI/OC2A/PCINT3
PB4/MISO/PCINT4
PB5/SCK/PCINT5
PB6/TOSC1/XTAL1/PCINT6
PB7/TOSC2/XTAL2/PCINT7
PC0/ADC0/PCINT8
PC1/ADC1/PCINT9
PC2/ADC2/PCINT10
PC3/ADC3/PCINT11
PC4/ADC4/SDA/PCINT12
PC5/ADC5/SCL/PCINT13
PC6/RESET/PCINT14
ATMEGA328P
X
Y
Z
RESET
HOLD
RESUME
C8
22p
X1
CRYSTAL
C10
22p
R41
10k
C1
100n
R4
10K
R1
10K
R2
10K
RESET
HOLD
RESUME
J21
CONN-SIL2
RESET
J22
CONN-SIL2
HOLD
J23
CONN-SIL2
RESUME
Q1
BC548
R3
2K2
HOLD
Botões de controle
Motores
C5
100u
J6
J7
J8
J9
26640601RP2
CONN-SIL8
CONN-SIL8
CONN-SIL4
C6
100u
J10
J11
J12
J13
C7
100u
J14
J15
J16
J17
R44
10K
R42
10K
R43
10K
Fim de cursos
J1
J18
J2
J19
J3
J20
CONN-SIL2
J4
CONN-SIL3
J26
CONN-SIL3
TX
RX
C11
100n
C1+
T1IN
R1OUT
T2IN
R2OUT
C2+
C3
1u
C2
1u
C1-
T1OUT
R1IN
T2OUT
R2IN
VS+
VS-
C2-
C9
10u
C4
10u