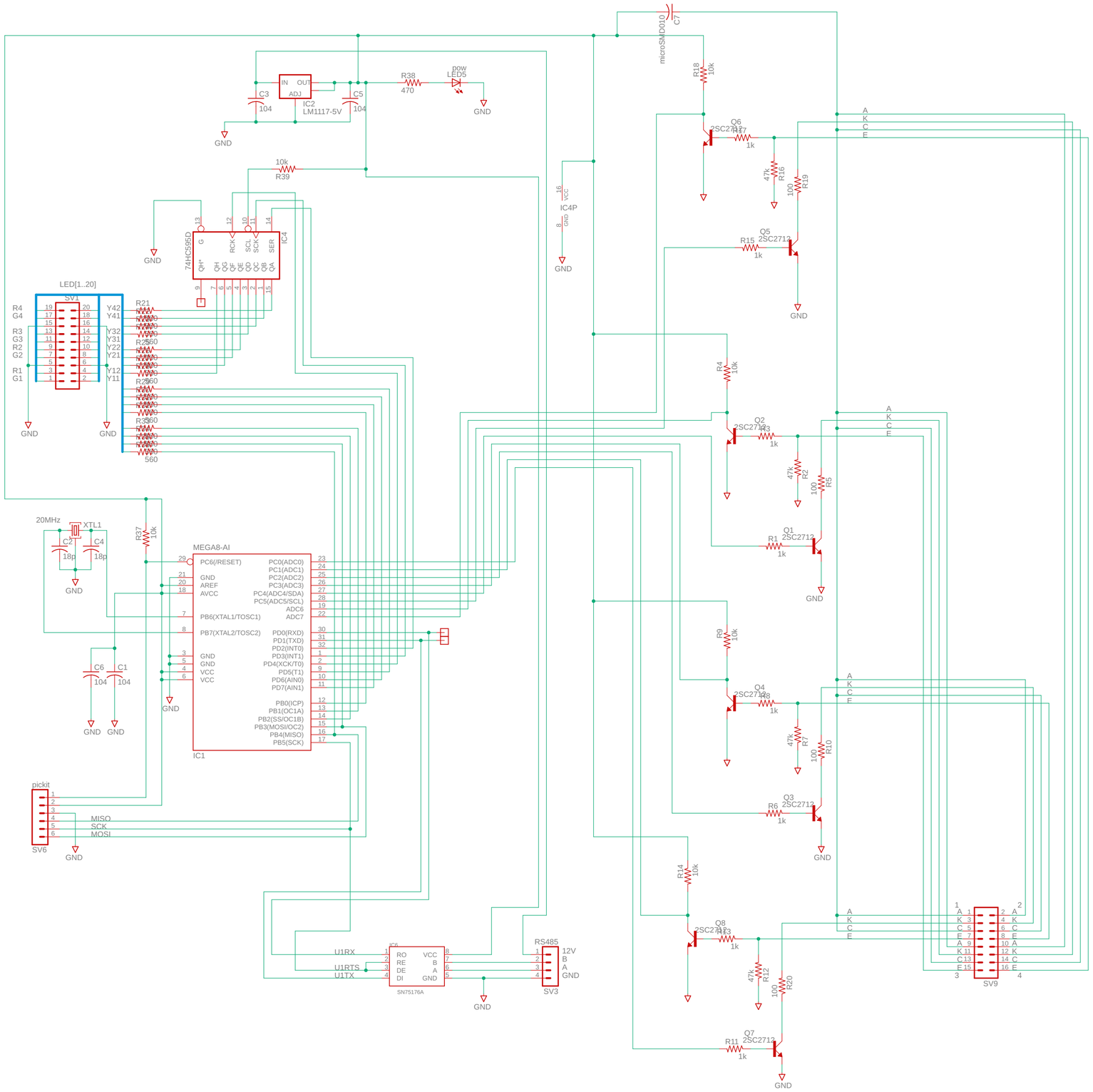
microSMD010
C7
R18
10k
Q6
2SC2712
R17
1k
47k
R16
100
R19
A
K
C
E
IN
OUT
ADJ
IC2
LM1117-5V
C3
104
C5
104
R38
470
pow
LED5
GND
10k
R39
IC4P
16
VCC
8
GND
74HC595D
IC4
G
RCK
SCL
SCK
SER
QH'
QH
QG
QF
QE
QD
QC
QB
QA
LED[1..20]
SV1
R4
G4
R3
G3
R2
G2
R1
G1
Y42
Y41
Y32
Y31
Y22
Y21
Y12
Y11
R21
R25
R29
R33
560
Q5
2SC2712
R15
1k
R4
10k
Q2
2SC2712
R3
1k
47k
R2
100
R5
Q1
2SC2712
R1
1k
20MHz
XTL1
C2
18p
C4
18p
R37
10k
MEGA8-AI
IC1
PC6(/RESET)
GND
AREF
AVCC
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
GND
GND
VCC
VCC
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
ADC6
ADC7
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
C6
104
C1
104
R9
10k
Q4
2SC2712
R8
1k
47k
R7
100
R10
Q3
2SC2712
R6
1k
pickit
SV6
MISO
SCK
MOSI
R14
10k
Q8
2SC2712
R13
1k
47k
R12
100
R20
Q7
2SC2712
R11
1k
IC6
SN75176A
RO
RE
DE
DI
VCC
B
A
GND
U1RX
U1RTS
U1TX
RS485
SV3
12V
B
A
GND
SV9