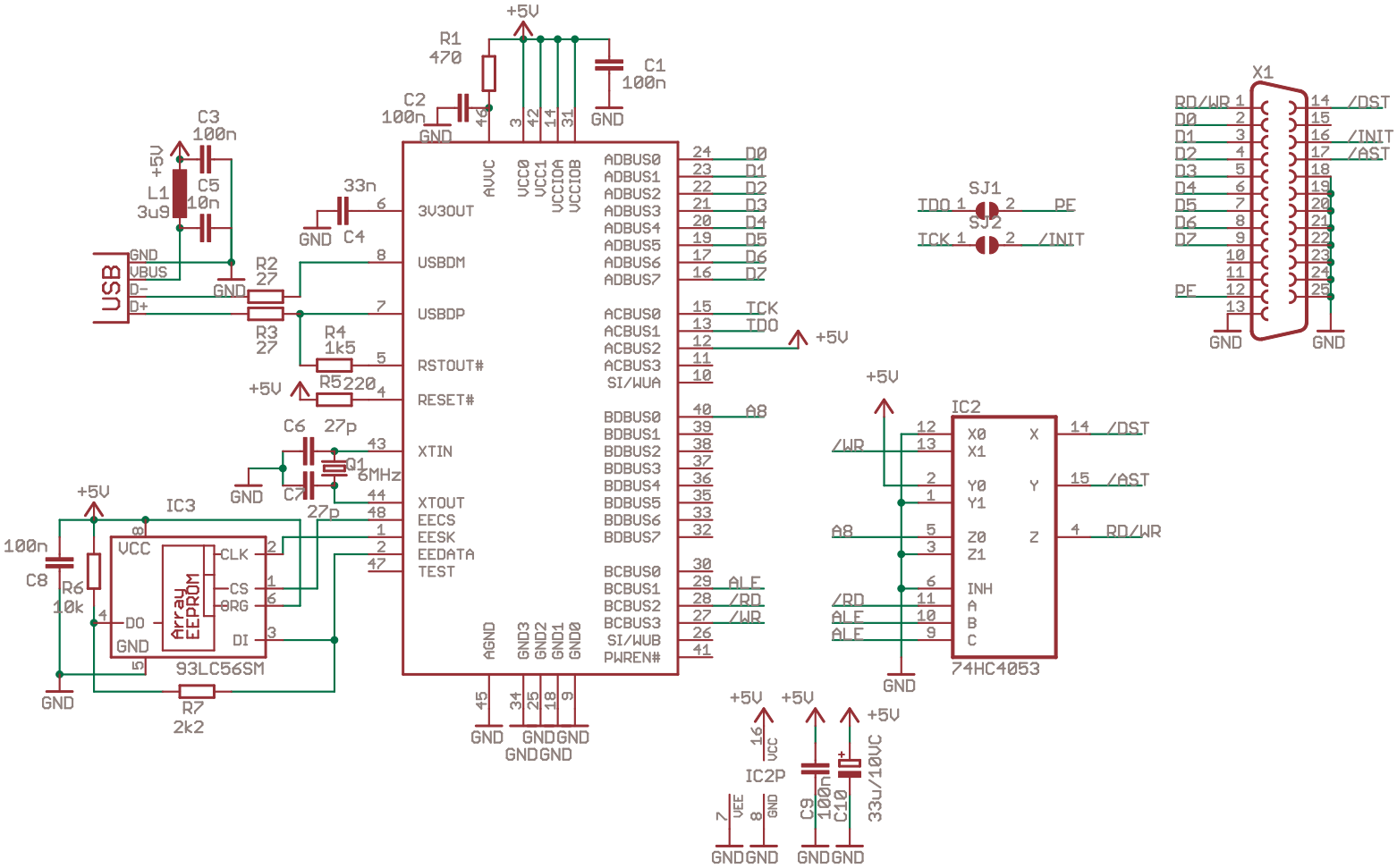
+5V
R1
470
C1
100n
C2
100n
GND
C3
100n
L1
3u9
C5
10n
USB
GND
VBUS
D-
D+
R2
27
R3
27
33n
C4
R4
1k5
R5
220
C6
27p
C7
27p
Q1
6MHz
IC3
VCC
CLK
CS
SRG
DO
DI
93LC56SM
Array
EEPROM
100n
C8
R6
10k
R7
2k2
3V3OUT
USBDM
USBDP
RSTOUT#
RESET#
XTIN
XTOUT
EECS
EESK
EEDATA
TEST
AVVC
VCC0
VCC1
VCCIOA
VCCIOB
AGND
GND3
GND2
GND1
GND0
ADBUS0
ADBUS1
ADBUS2
ADBUS3
ADBUS4
ADBUS5
ADBUS6
ADBUS7
ACBUS0
ACBUS1
ACBUS2
ACBUS3
SI/WUA
BDBUS0
BDBUS1
BDBUS2
BDBUS3
BDBUS4
BDBUS5
BDBUS6
BDBUS7
BCBUS0
BCBUS1
BCBUS2
BCBUS3
SI/WUB
PWREN#
D0
D1
D2
D3
D4
D5
D6
D7
TCK
TDO
A8
ALE
/RD
/WR
SJ1
SJ2
TDO
TCK
PE
/INIT
X1
RD/WR
/DST
/AST
IC2
74HC4053
X0
X1
Y0
Y1
Z0
Z1
INH
A
B
C
X
Y
Z
IC2P
VEE
VCC
C9
100n
C10
33u/10VC