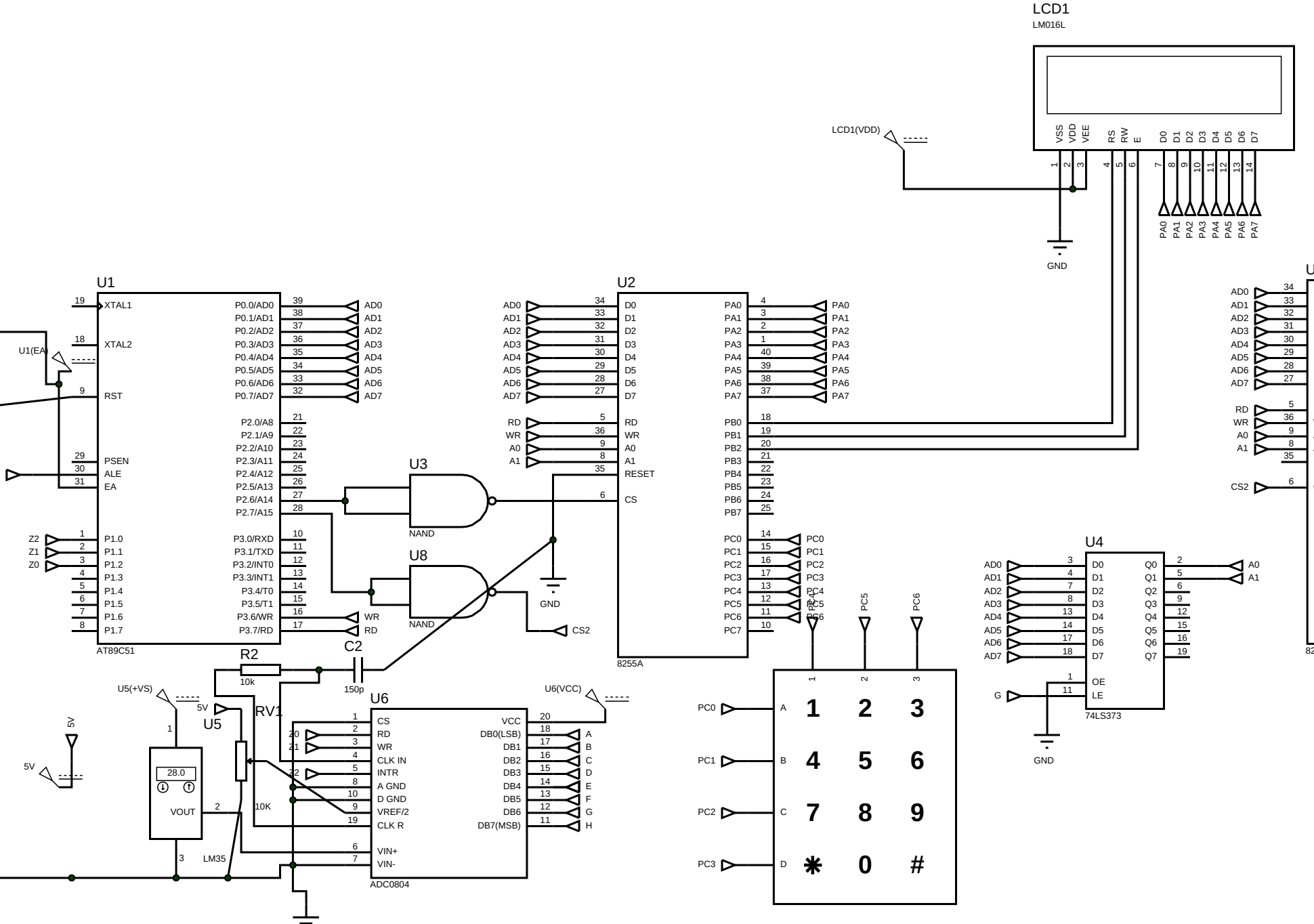
LCD1
LM016L
LCD1(VDD)
VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7
GND
U1
AT89C51
XTAL1 XTAL2 RST PSEN ALE EA
P0.0/AD0 P0.1/AD1 P0.2/AD2 P0.3/AD3 P0.4/AD4 P0.5/AD5 P0.6/AD6 P0.7/AD7
P2.0/A8 P2.1/A9 P2.2/A10 P2.3/A11 P2.4/A12 P2.5/A13 P2.6/A14 P2.7/A15
P1.0 P1.1 P1.2 P1.3 P1.4 P1.5 P1.6 P1.7
P3.0/RXD P3.1/TXD P3.2/INT0 P3.3/INT1 P3.4/T0 P3.5/T1 P3.6/WR P3.7/RD
U1(EA)
Z2 Z1 Z0
U2
8255A
D0 D1 D2 D3 D4 D5 D6 D7
RD WR A0 A1 RESET CS
PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7
PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7
PC0 PC1 PC2 PC3 PC4 PC5 PC6 PC7
U3
NAND
U8
NAND
GND
CS2
U4
74LS373
D0 D1 D2 D3 D4 D5 D6 D7
Q0 Q1 Q2 Q3 Q4 Q5 Q6 Q7
OE LE
G
R2
10k
C2
150p
RV1
10K
U5
U5(+VS)
5V
28.0
VOUT
LM35
U6
U6(VCC)
ADC0804
CS RD WR CLK IN INTR A GND D GND VREF/2 CLK R VIN+ VIN-
VCC DB0(LSB) DB1 DB2 DB3 DB4 DB5 DB6 DB7(MSB)
PC0 PC1 PC2 PC3
1 2 3
4 5 6
7 8 9
* 0 #