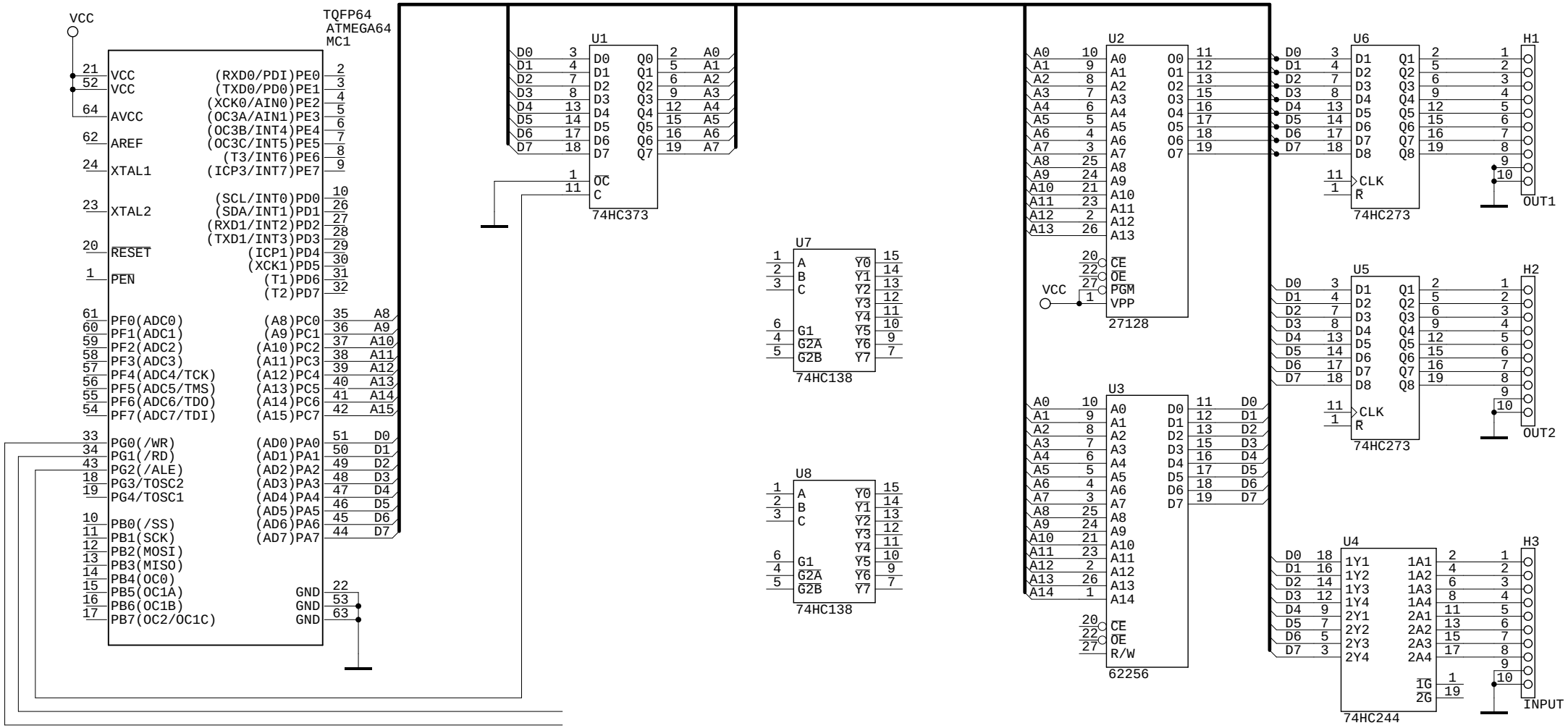
VCC
TQFP64
ATMEGA64
MC1
21 VCC
52 VCC
64 AVCC
62 AREF
24 XTAL1
23 XTAL2
20 RESET
1 PEN
61 PF0(ADC0)
60 PF1(ADC1)
59 PF2(ADC2)
58 PF3(ADC3)
57 PF4(ADC4/TCK)
56 PF5(ADC5/TMS)
55 PF6(ADC6/TDO)
54 PF7(ADC7/TDI)
33 PG0(/WR)
34 PG1(/RD)
43 PG2(/ALE)
18 PG3/TOSC2
19 PG4/TOSC1
10 PB0(/SS)
11 PB1(SCK)
12 PB2(MOSI)
13 PB3(MISO)
14 PB4(OC0)
15 PB5(OC1A)
16 PB6(OC1B)
17 PB7(OC2/OC1C)
(RXD0/PDI)PE0 2
(TXD0/PD0)PE1 3
(XCK0/AIN0)PE2 4
(OC3A/AIN1)PE3 5
(OC3B/INT4)PE4 6
(OC3C/INT5)PE5 7
(T3/INT6)PE6 8
(ICP3/INT7)PE7 9
(SCL/INT0)PD0 10
(SDA/INT1)PD1 26
(RXD1/INT2)PD2 27
(TXD1/INT3)PD3 28
(ICP1)PD4 29
(XCK1)PD5 30
(T1)PD6 31
(T2)PD7 32
(A8)PC0 35 A8
(A9)PC1 36 A9
(A10)PC2 37 A10
(A11)PC3 38 A11
(A12)PC4 39 A12
(A13)PC5 40 A13
(A14)PC6 41 A14
(A15)PC7 42 A15
(AD0)PA0 51 D0
(AD1)PA1 50 D1
(AD2)PA2 49 D2
(AD3)PA3 48 D3
(AD4)PA4 47 D4
(AD5)PA5 46 D5
(AD6)PA6 45 D6
(AD7)PA7 44 D7
GND 22
GND 53
GND 63
U1
74HC373
U2
27128
U3
62256
U4
74HC244
U5
74HC273
U6
74HC273
U7
74HC138
U8
74HC138
H1
OUT1
H2
OUT2
H3
INPUT