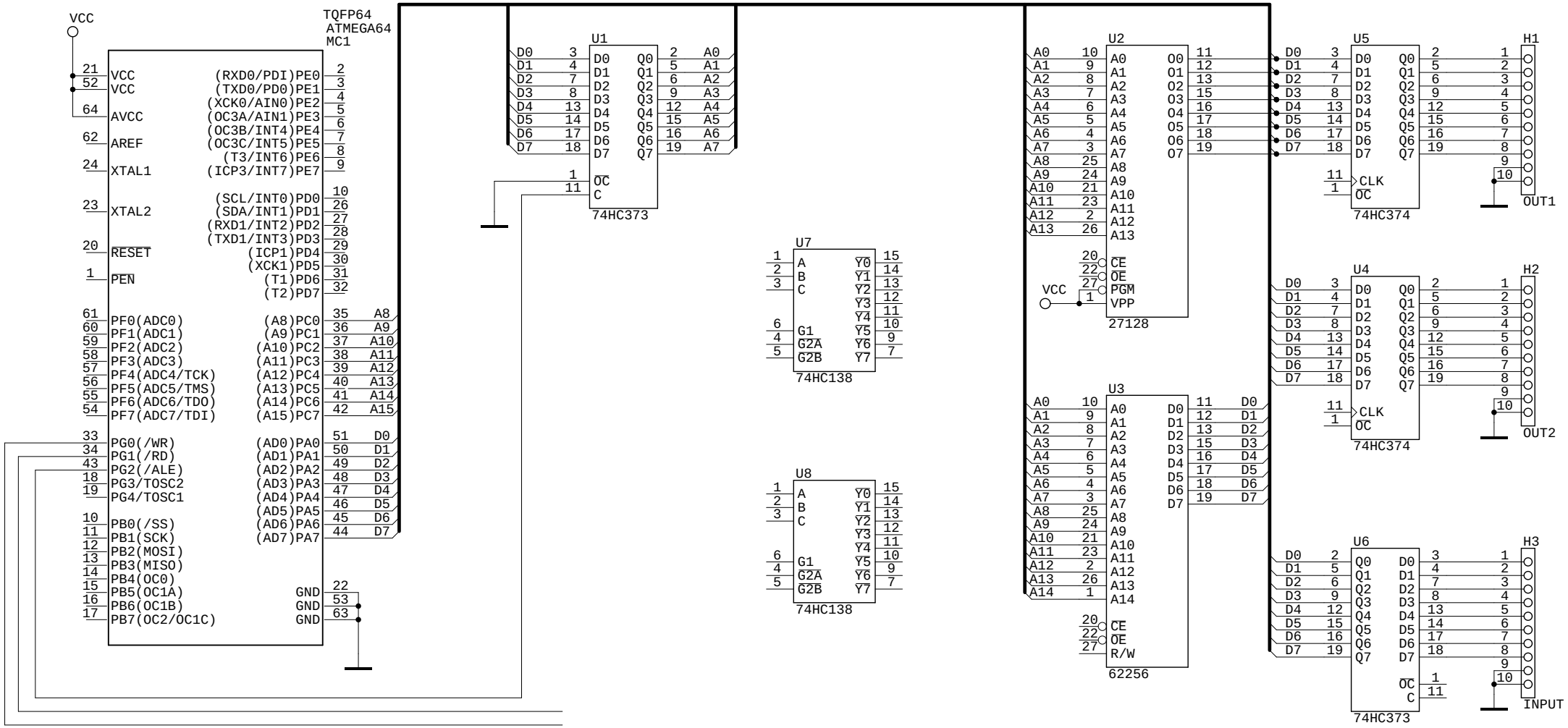
VCC
TQFP64
ATMEGA64
MC1
VCC
VCC
AVCC
AREF
XTAL1
XTAL2
RESET
PEN
PF0(ADC0)
PF1(ADC1)
PF2(ADC2)
PF3(ADC3)
PF4(ADC4/TCK)
PF5(ADC5/TMS)
PF6(ADC6/TDO)
PF7(ADC7/TDI)
PG0(/WR)
PG1(/RD)
PG2(/ALE)
PG3/TOSC2
PG4/TOSC1
PB0(/SS)
PB1(SCK)
PB2(MOSI)
PB3(MISO)
PB4(OC0)
PB5(OC1A)
PB6(OC1B)
PB7(OC2/OC1C)
(RXD0/PDI)PE0
(TXD0/PD0)PE1
(XCK0/AIN0)PE2
(OC3A/AIN1)PE3
(OC3B/INT4)PE4
(OC3C/INT5)PE5
(T3/INT6)PE6
(ICP3/INT7)PE7
(SCL/INT0)PD0
(SDA/INT1)PD1
(RXD1/INT2)PD2
(TXD1/INT3)PD3
(ICP1)PD4
(XCK1)PD5
(T1)PD6
(T2)PD7
(A8)PC0
(A9)PC1
(A10)PC2
(A11)PC3
(A12)PC4
(A13)PC5
(A14)PC6
(A15)PC7
(AD0)PA0
(AD1)PA1
(AD2)PA2
(AD3)PA3
(AD4)PA4
(AD5)PA5
(AD6)PA6
(AD7)PA7
GND
GND
GND
U1
74HC373
U7
74HC138
U8
74HC138
U2
27128
U3
62256
U5
74HC374
U4
74HC374
U6
74HC373
H1
OUT1
H2
OUT2
H3
INPUT