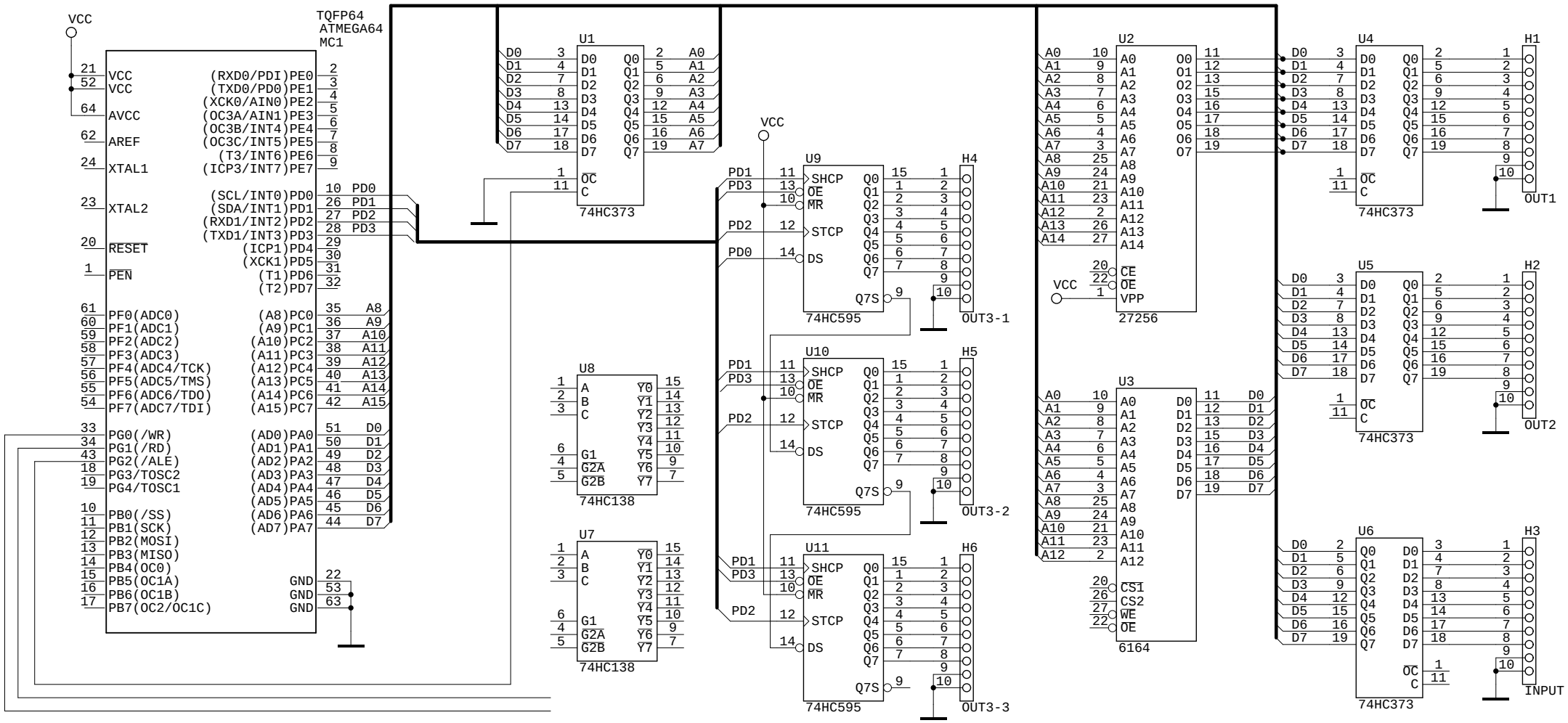
VCC
TQFP64
ATMEGA64
MC1
VCC
VCC
AVCC
AREF
XTAL1
XTAL2
RESET
PEN
PF0(ADC0)
PF1(ADC1)
PF2(ADC2)
PF3(ADC3)
PF4(ADC4/TCK)
PF5(ADC5/TMS)
PF6(ADC6/TDO)
PF7(ADC7/TDI)
PG0(/WR)
PG1(/RD)
PG2(/ALE)
PG3/TOSC2
PG4/TOSC1
PB0(/SS)
PB1(SCK)
PB2(MOSI)
PB3(MISO)
PB4(OC0)
PB5(OC1A)
PB6(OC1B)
PB7(OC2/OC1C)
(RXD0/PDI)PE0
(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
U8
74HC138
U7
74HC138
U9
74HC595
U10
74HC595
U11
74HC595
H4
OUT3-1
H5
OUT3-2
H6
OUT3-3
U2
27256
U3
6164
U4
74HC373
H1
OUT1
U5
74HC373
H2
OUT2
U6
74HC373
H3
INPUT