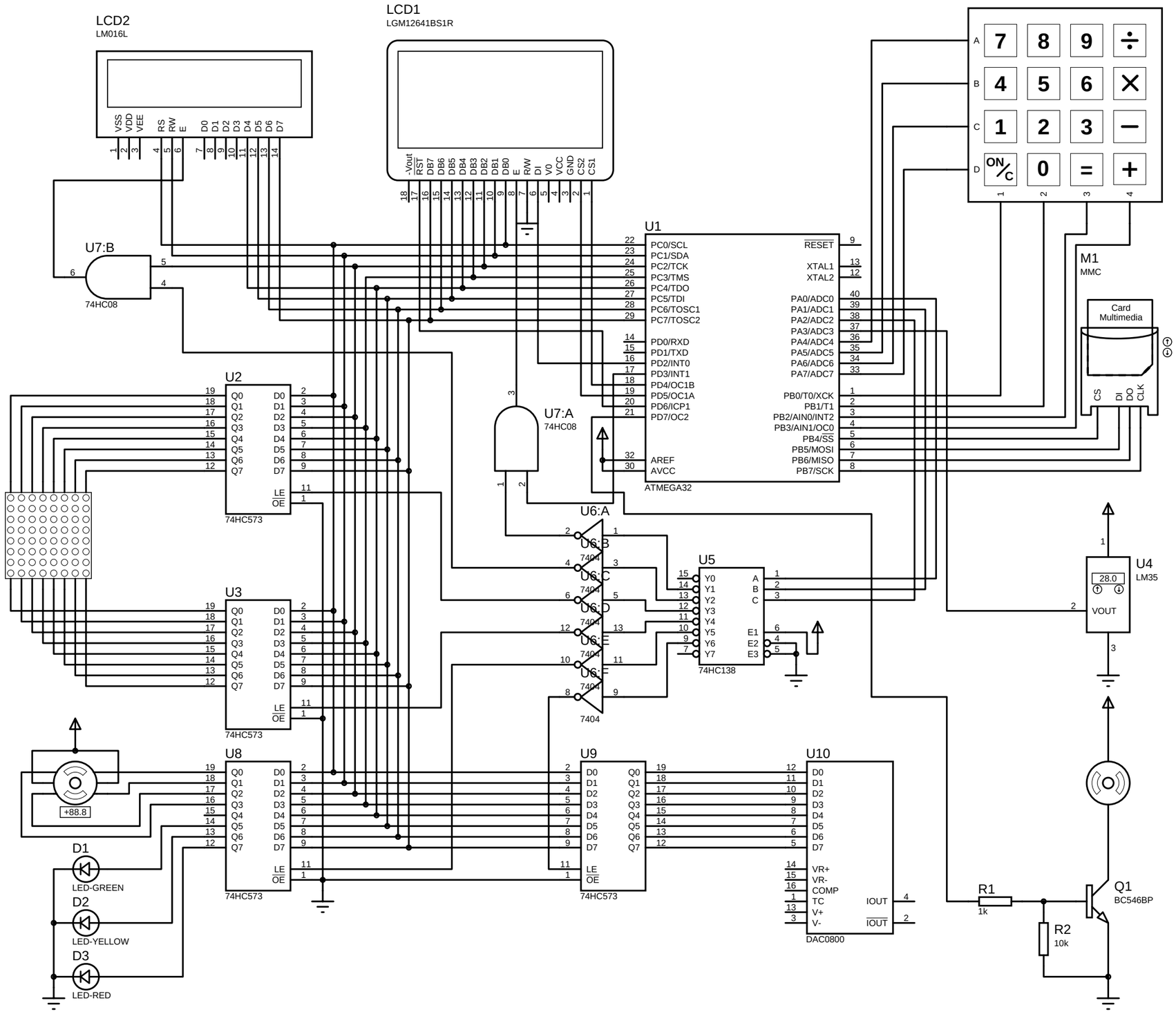
LCD2
LM016L
VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7
LCD1
LGM12641BS1R
-Vout RST DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0 E R/W DI V0 VCC GND CS2 CS1
U1
ATMEGA32
PC0/SCL PC1/SDA PC2/TCK PC3/TMS PC4/TDO PC5/TDI PC6/TOSC1 PC7/TOSC2
PD0/RXD PD1/TXD PD2/INT0 PD3/INT1 PD4/OC1B PD5/OC1A PD6/ICP1 PD7/OC2
AREF AVCC
RESET XTAL1 XTAL2
PA0/ADC0 PA1/ADC1 PA2/ADC2 PA3/ADC3 PA4/ADC4 PA5/ADC5 PA6/ADC6 PA7/ADC7
PB0/T0/XCK PB1/T1 PB2/AIN0/INT2 PB3/AIN1/OC0 PB4/SS PB5/MOSI PB6/MISO PB7/SCK
U7:B
74HC08
U7:A
74HC08
U2
74HC573
U3
74HC573
U8
74HC573
U9
74HC573
U6:A U6:B U6:C U6:D U6:E U6:F
7404
U5
74HC138
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 A B C E1 E2 E3
U10
DAC0800
D0 D1 D2 D3 D4 D5 D6 D7 VR+ VR- COMP TC V+ V- IOUT IOUT
M1
MMC
Card Multimedia
CS DI DO CLK
U4
LM35
28.0
VOUT
R1
1k
R2
10k
Q1
BC546BP
+88.8
D1
LED-GREEN
D2
LED-YELLOW
D3
LED-RED