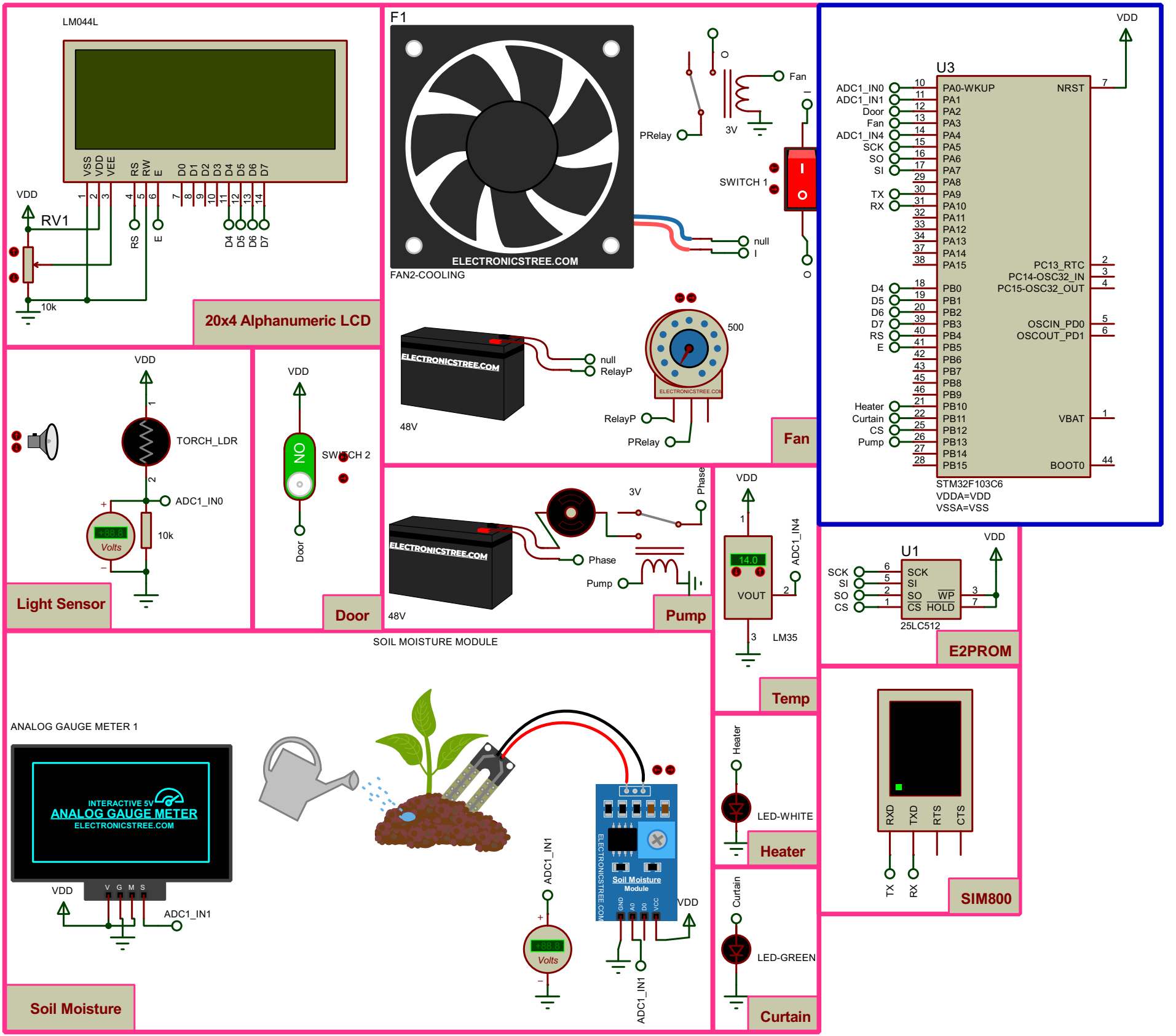
LM044L
VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7
VDD
RV1
10k
RS
E
D4 D5 D6 D7
20x4 Alphanumeric LCD
F1
ELECTRONICSTREE.COM
FAN2-COOLING
PRelay
3V
Fan
SWITCH 1
null
I
O
48V
RelayP
500
Fan
U3
ADC1_IN0
ADC1_IN1
Door
Fan
ADC1_IN4
SCK
SO
SI
TX
RX
D4
D5
D6
D7
RS
E
Heater
Curtain
CS
Pump
PA0-WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
NRST
PC13_RTC
PC14-OSC32_IN
PC15-OSC32_OUT
OSCIN_PD0
OSCOUT_PD1
VBAT
BOOT0
STM32F103C6
VDDA=VDD
VSSA=VSS
TORCH_LDR
ADC1_IN0
10k
Volts
Light Sensor
SWITCH 2
NO
Door
Phase
Pump
Door
SOIL MOISTURE MODULE
14.0
VOUT
LM35
ADC1_IN4
Temp
U1
25LC512
E2PROM
ANALOG GAUGE METER 1
INTERACTIVE 5V
ANALOG GAUGE METER
ELECTRONICSTREE.COM
V G M S
ADC1_IN1
Soil Moisture
Soil Moisture Module
GND A0 D0 VCC
Heater
LED-WHITE
Curtain
LED-GREEN
RXD TXD RTS CTS
TX RX
SIM800