



BEDROOM

KITCHEN

LIVING ROOM

BATHROOM

HALLWAY NIGHT

GARAGE

LCD DISPLAY

D22

D24

D26

D28

D32

D34

LCD-16X2

R1
180

R2
180

R3
180

R4
180

R5
180

R6
180

R7
180

VSS

VDD

VO

RS

RW

E

DB0

DB1

DB2

DB3

DB4

DB5

DB6

DB7

A

LED1

White

LED2

White

LED3

White

LED4

White

LED5

White

LED6

White

LED7

White

+5V

R15
1 k

D33

D35

D41

D43

D45

TWILIGHT LIGHTS

HEALING / CONDITIONING

GARAGE DOOR MOTOR

+5V

R8
100 k

A2

FR1

D36

R9
180

R10
180

LED8

White

LED9

White

LM35DZ

VCC

VOUT

GND

A4

+5V

D38

R11
330

LED10

Red

D40

R12
180

LED11

Blue

+5V

FAN

D23

BS170

DC motor

+5V

+5V

D9

D3

L293D

1-2EN

1A

1Y

GND1

GND2

2Y

2A

VCC2

VCC1

4A

4Y

GND3

GND4

3Y

3A

3-4EN

GAS SENSOR

MOTION SENSOR

ALARMS

+5V

A3

D27

Gas sensor

VCC

AO

DO

GND

Infrared sensor

+5V

D29

D44

R13
330

LED12

Red

D46

R14
330

LED13

Green

+5V

D31

Buzzer

TITLE:

Home sweet home

REV: 2.0

Date: 2017-06-12

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EasyEDA V4.4.4

Drawn By: a&g