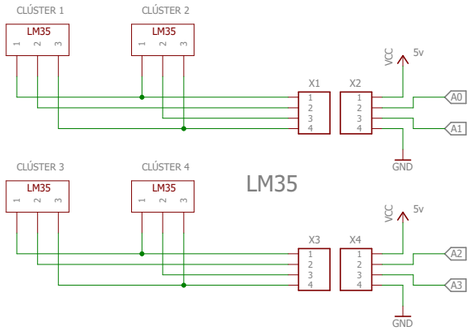
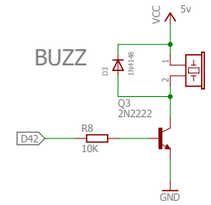
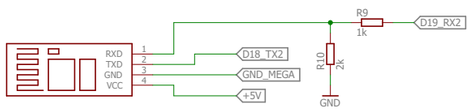
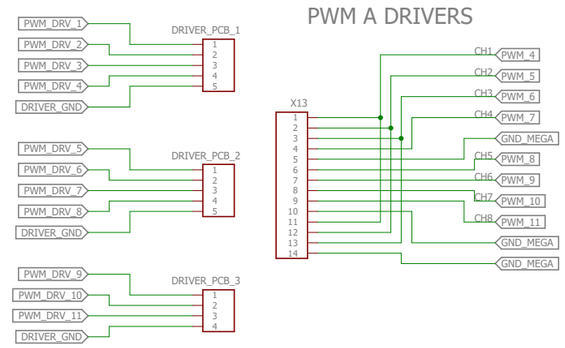
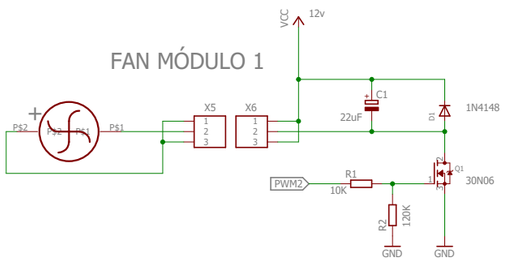
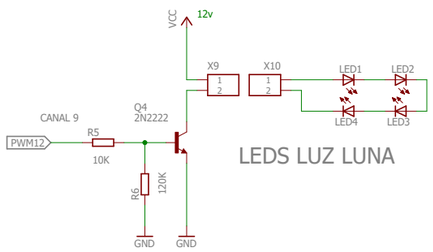

CLÚSTER 1
CLÚSTER 2
CLÚSTER 3
CLÚSTER 4
LM35
LM35
LM35
LM35
X1
X2
X3
X4
VCC
5v
A0
A1
A2
A3
GND

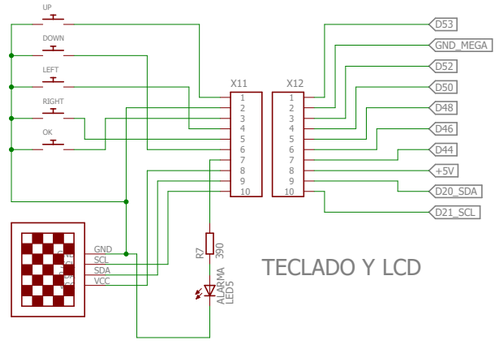

BUZZ
VCC
5v
D3
1N4148
Q3
2N2222
D42
R8
10K
GND

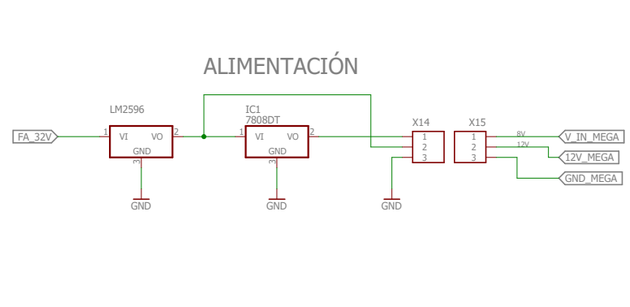

BLUETOOTH
RXD
TXD
GND
VCC
D18_TX2
GND_MEGA
+5V
R9
1k
D19_RX2
R10
2K
GND

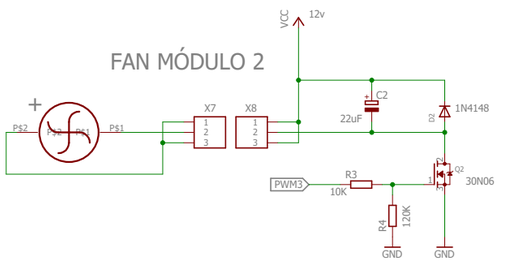

PWM A DRIVERS
PWM_DRV_1
PWM_DRV_2
PWM_DRV_3
PWM_DRV_4
DRIVER_GND
DRIVER_PCB_1
PWM_DRV_5
PWM_DRV_6
PWM_DRV_7
PWM_DRV_8
DRIVER_GND
DRIVER_PCB_2
PWM_DRV_9
PWM_DRV_10
PWM_DRV_11
DRIVER_GND
DRIVER_PCB_3
X13
CH1
CH2
CH3
CH4
CH5
CH6
CH7
CH8
PWM_4
PWM_5
PWM_6
PWM_7
PWM_8
PWM_9
PWM_10
PWM_11
GND_MEGA
GND_MEGA
GND_MEGA

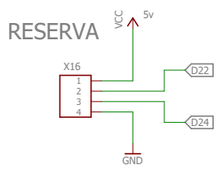

FAN MÓDULO 1
VCC
12v
X5
X6
C1
22uF
1N4148
D1
P$2
P$1
PWM2
R1
10K
Q1
30N06
R2
120K
GND
GND

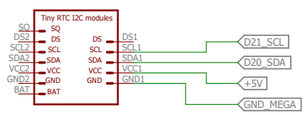

VCC
12v
X9
X10
LED1
LED2
LED4
LED3
CANAL 9
Q4
2N2222
PWM12
R5
10K
R6
120K
GND
GND
LEDS LUZ LUNA

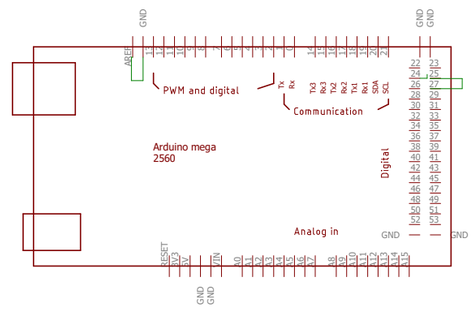

UP
DOWN
LEFT
RIGHT
OK
X11
X12
D53
GND_MEGA
D52
D50
D48
D46
D44
+5V
D20_SDA
D21_SCL
GND
SCL
SDA
VCC
R7
390
ALARMA LEDS
TECLADO Y LCD


ALIMENTACIÓN
LM2596
FA_32V
VI
VO
GND
IC1
7808DT
X14
X15
8V
12V
V_IN_MEGA
12V_MEGA
GND_MEGA
GND
GND
GND


FAN MÓDULO 2
VCC
12v
X7
X8
C2
22uF
1N4148
D2
P$2
P$1
PWM3
R3
10K
Q2
30N06
R4
120K
GND
GND


RESERVA
VCC
5v
X16
D22
D24
GND


RTC
Tiny RTC I2C modules
SQ
DS
SCL
SDA
VCC
GND
BAT
DS1
SCL1
SDA1
VCC1
GND1
D21_SCL
D20_SDA
+5V
GND_MEGA


ARDUINO
PWM and digital
Communication
Arduino mega
2560
Digital
Analog in
GND
GND
GND
GND
GND
GND