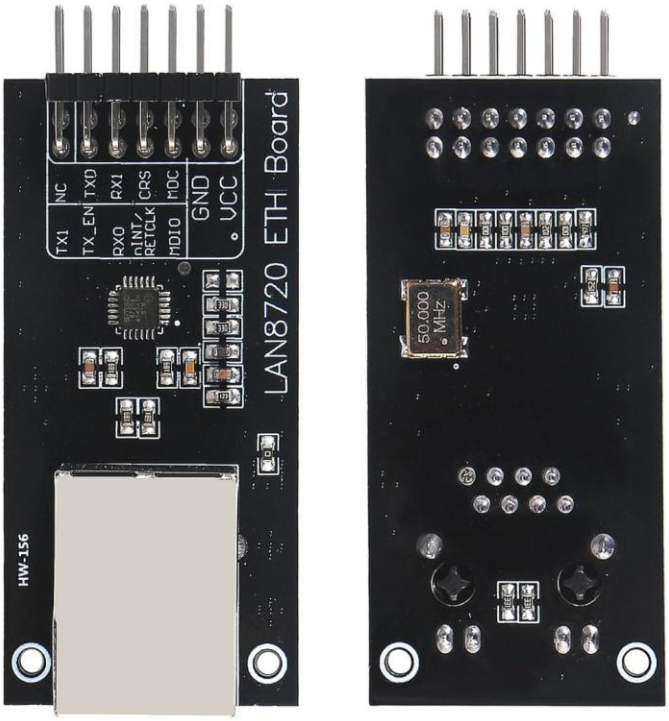
(LAN8720/OLED/DHT11/Buzzer)
(DuPont Connector)

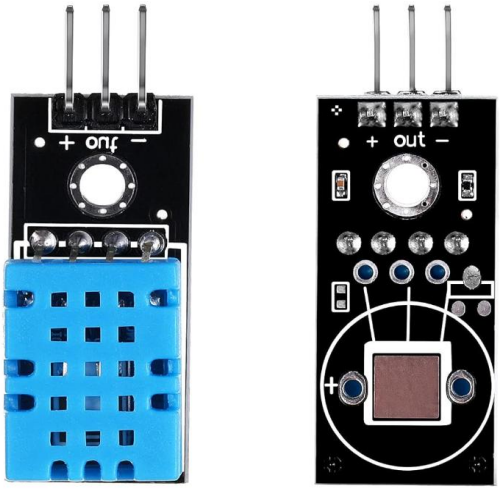
GPIO	***LAN8720 Top***	***Wire/DuPont***	***Function***
GPIO22	TX1 (TXD1)	1 White	RMII Transmit Data 1
GPIO21	TX_EN	2 Blue	RMII Transmit Enable
GPIO25	RX0 (RXD0)	3 Yellow	RMII Receive Data 0
GPIO17	nINT/RETCLK	Not connected	CLK_OUT (ignored — LAN8720 has 50 MHz crystal)
GPIO18	MDIO	4 Green	MDIO Data
GND	GND	5 Black	Common ground
3.3V	VCC	6 Red	Power LAN8720 (do NOT use 5V)
GPIO	***LAN8720 Bottom***	***Wire/DuPont***	***Function***
None	(not connected)	N/C	N/C
GPIO19	TX0 (TXD0)	7 Blue	RMII Transmit Data 0
GPIO26	RX1 (RXD1)	8 Green	RMII Receive Data 1
GPIO27	CRS/DV	9 White	RMII Carrier Sense / Data Valid
GPIO23	MDC	10 Yellow	MDIO Clock
GND	(not connected)	N/C	N/C
3.3V	(not connected)	N/C	N/C
GPIO	***OLED/LCD2004***	***Wire/DuPont***	***Function***
GND	GND	Black	Common ground
3.3V	VCC	Red	Power (do NOT use 5V)
GPIO32	SCL	4 Green	
GPIO33	SDA	7 Blue	
GPIO	**DHT11**	***Wire/DuPont***	***Function***
GND	GND	Black	Common ground
3.3V	VCC	Red	Power (do NOT use 5V)
GPIOXX	OUT	10 Yellow	
GPIO	**Relay 5V**	***Wire/DuPont***	***Function***
GND	DC-	Black	Common ground
5V	DC+	Red	Power (do NOT use 5V)
GPIOXX	IN	10 Yellow	NO/COM are used to connect to the door opener
GPIO	**Buzzer/Beep**	***Wire/DuPont***	***Function***
GND	GND	Black	Common ground
3.3V	VCC	Red	Power (do NOT use 5V)

(The following page contains picture of each component.)

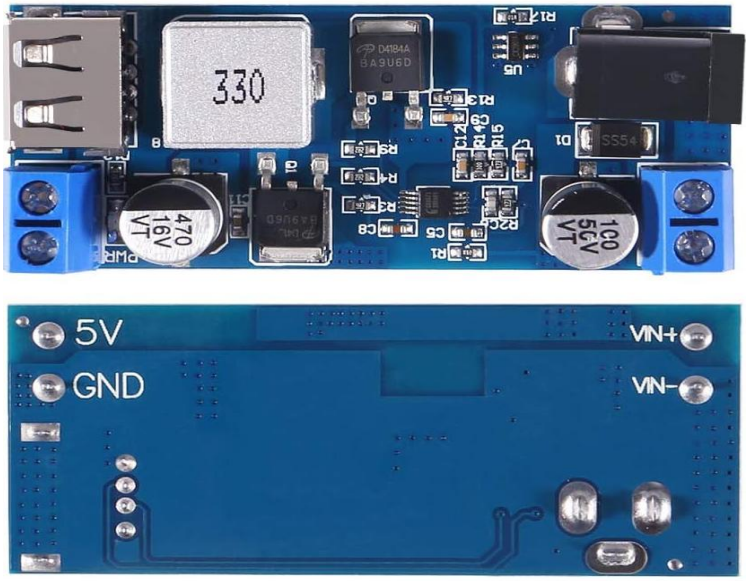


(LAN8720)

(OLED)

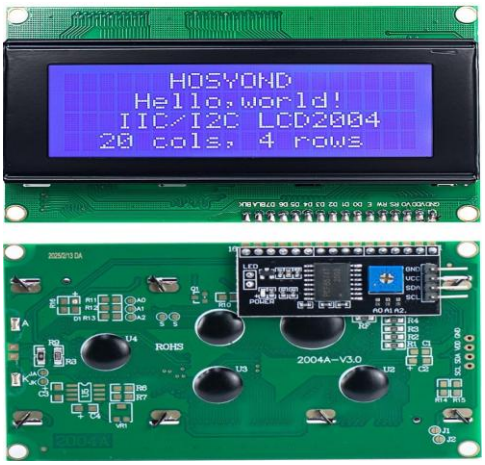


(DHT11)



(Buck Converter)

(5V Relay)



(LCD2004)

Esp32-C6-Wroom to 38pin Breakout Board:

ESP32-GPIO	38 Pin Header	ESP32-GPIO	38 Pin Header
3V3	3V3	GND	GND
RST	EN	TX	P23
4	SVP	RX	P22
5	SVN	15	TX
6	P34	23	RX
7	P35	22	P21
0	P32	21	GND
1	P33	20	P19
8	P25	19	P18
10	P26	18	P5
11	P27	9	P17
2	P14	GND	P16
8	P12	13	P4
5V	GND	12	PO
GND	P13	GND	P2
NC	SD3	NC	P15

GAP-WiFi-c6 Pinout:

Function:	GPIO	38 Pin
Garage door relay (to button)	23	RX
PIR Inside	22	P21
PIR Outside	21	GND
Main garage door reed	20	P19
Obstruction / safety beam	19	P18
I²C SDA (OLED/2004/etc.)	6	P34
I²C SCL	7	P35
DHT11 data	2	P14
Buzzer	10	P26
3V3	3V3	3V3
5V – on 3V3 side	5V	GND
GND – Refer to above for other GND	GND	P13, P2, P16