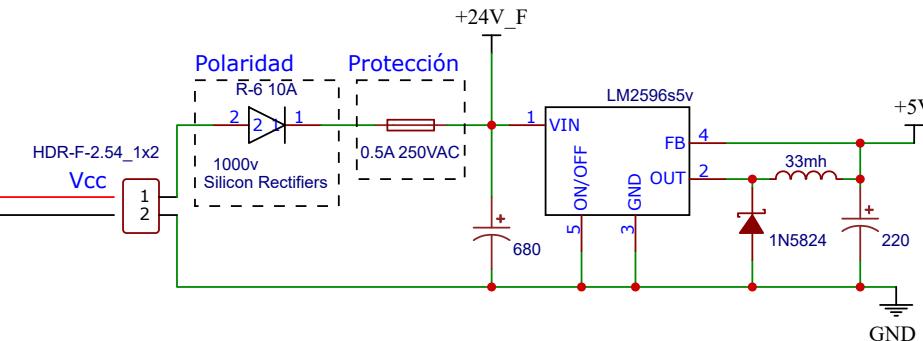
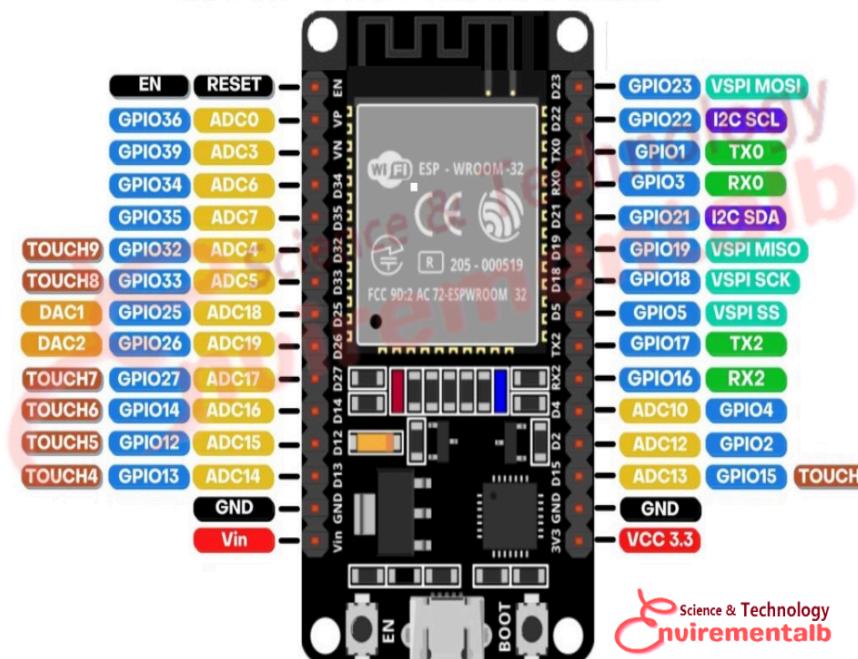
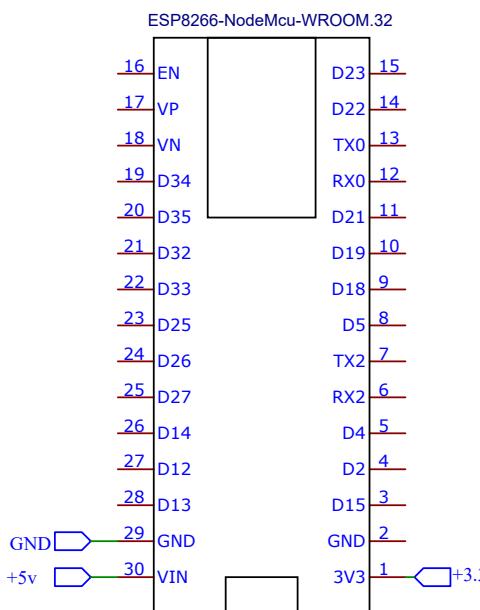


Tipo L

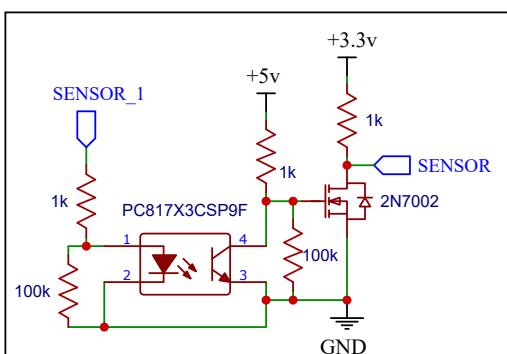
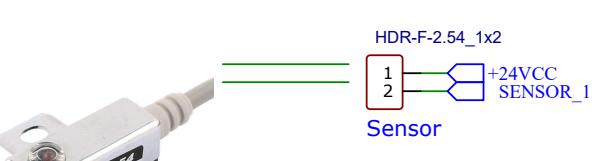
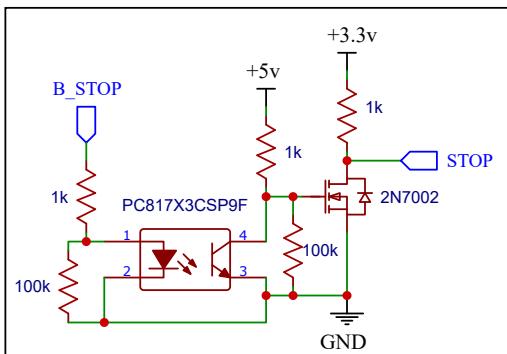
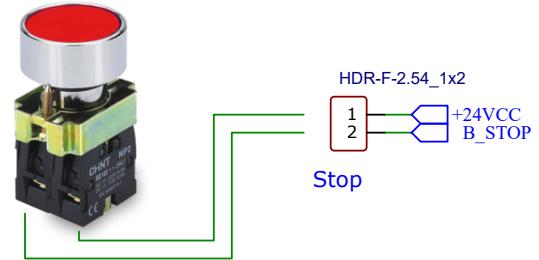
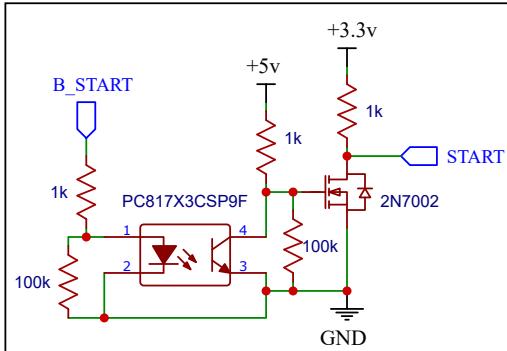
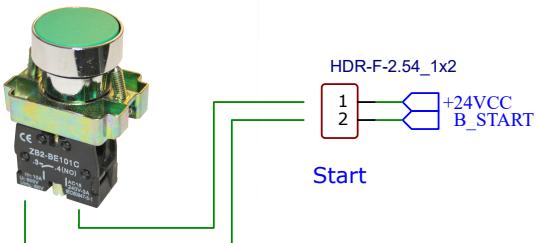


### ESP32 DEV-KIT V1 - PINOUT DIAGRAM

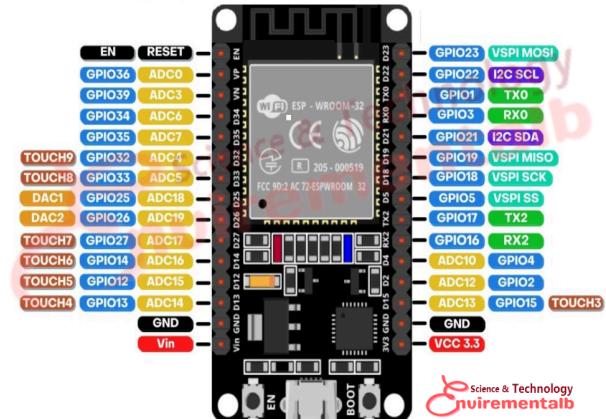


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TITLE: Sistema de apoyo de la respiración no invasivo		REV: 1.0
	Company: UTFSM	Sheet: 1/8
	Date: 2023-10-08	Drawn By: Sebastian Padilla



### ESP32 DEV-KIT V1 - PINOUT DIAGRAM



ESP8266-NodeMcu-WROOM.32

16	EN	D23	15
17	VP	D22	14
18	VN	TX0	13
19	D34	RX0	12
20	D35	D21	11
21	SENSOR	D32	D19
22		D33	10
23		D25	D18
24		D26	9
25		D27	D5
26		D14	TX2
27	START	D12	7
28	STOP	D13	RX2
29	GND	GND	6
30	+5v	VIN	D4
			D2
			3
			2
			1

TITLE:

Sistema de apoyo de la respiración no invasivo

REV: 1.0



Company: UTFSM

Sheet: 2/8

Date: 2023-10-08 Drawn By: Sebastian Padilla

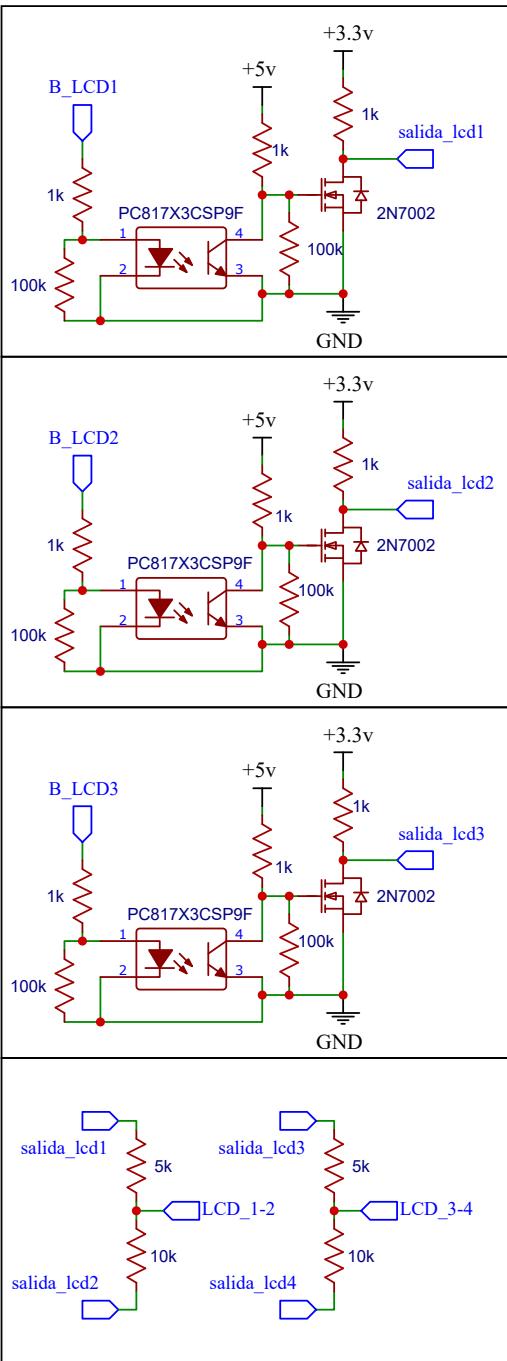
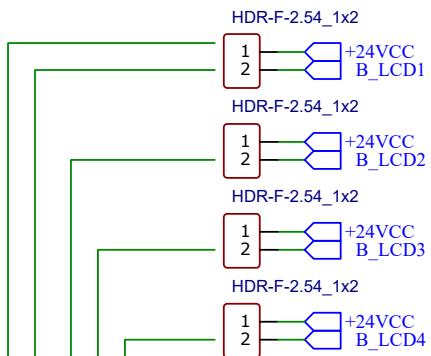
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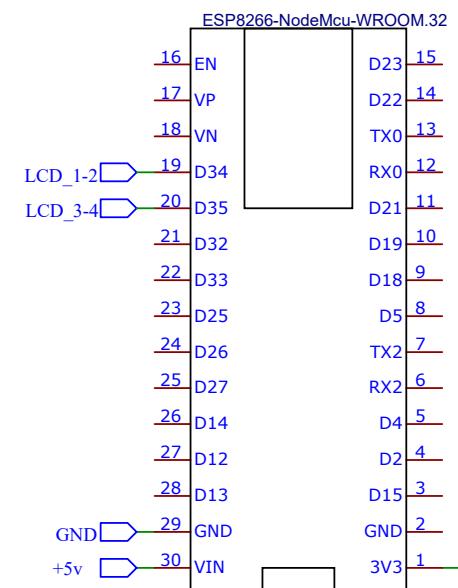
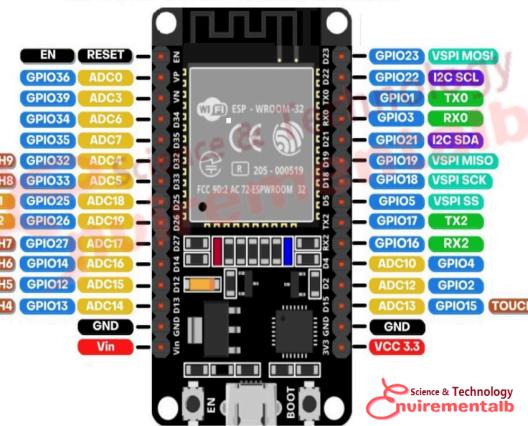
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4

5



ESP32 DEV-KIT V1 - PINOUT DIAGRAM



TITLE:  
Sistema de apoyo de la respiracion no invasivo

REV: 1.0

Company: UTSMS

Date: 2023-10-09 Drawn By: Sebastian Padilla

Sheet: 3/8

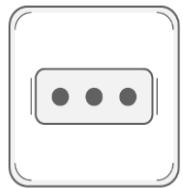
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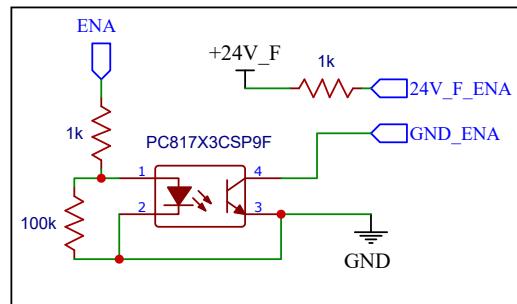
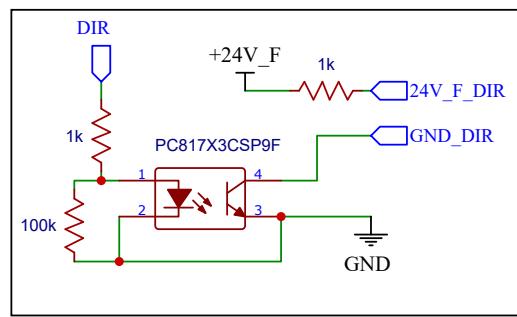
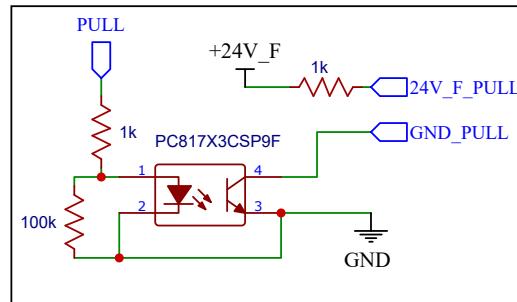
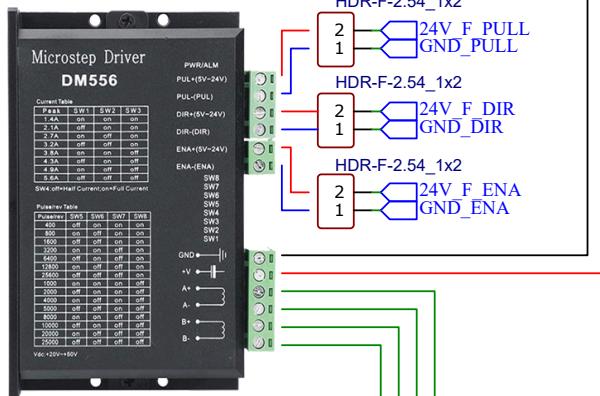
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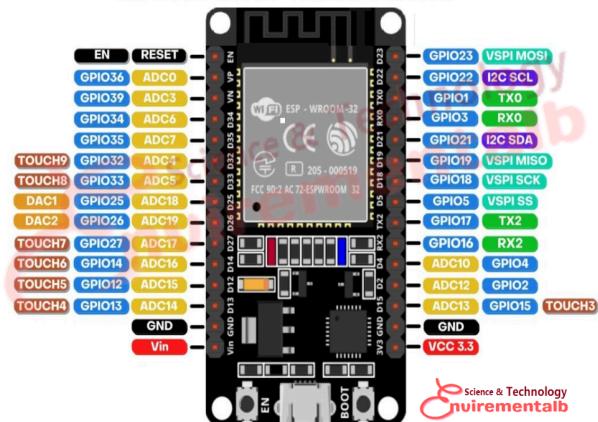
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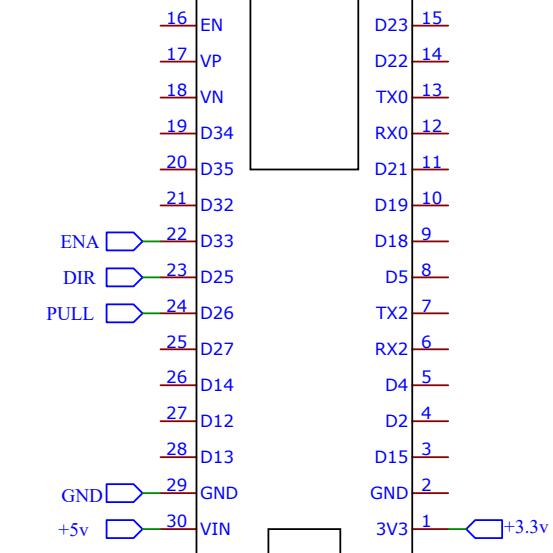
Tipo L



### ESP32 DEV-KIT V1 - PINOUT DIAGRAM



### ESP8266-NodeMcu-WROOM.32



### TITLE:

Sistema de apoyo de la respiración no invasivo

REV: 1.0

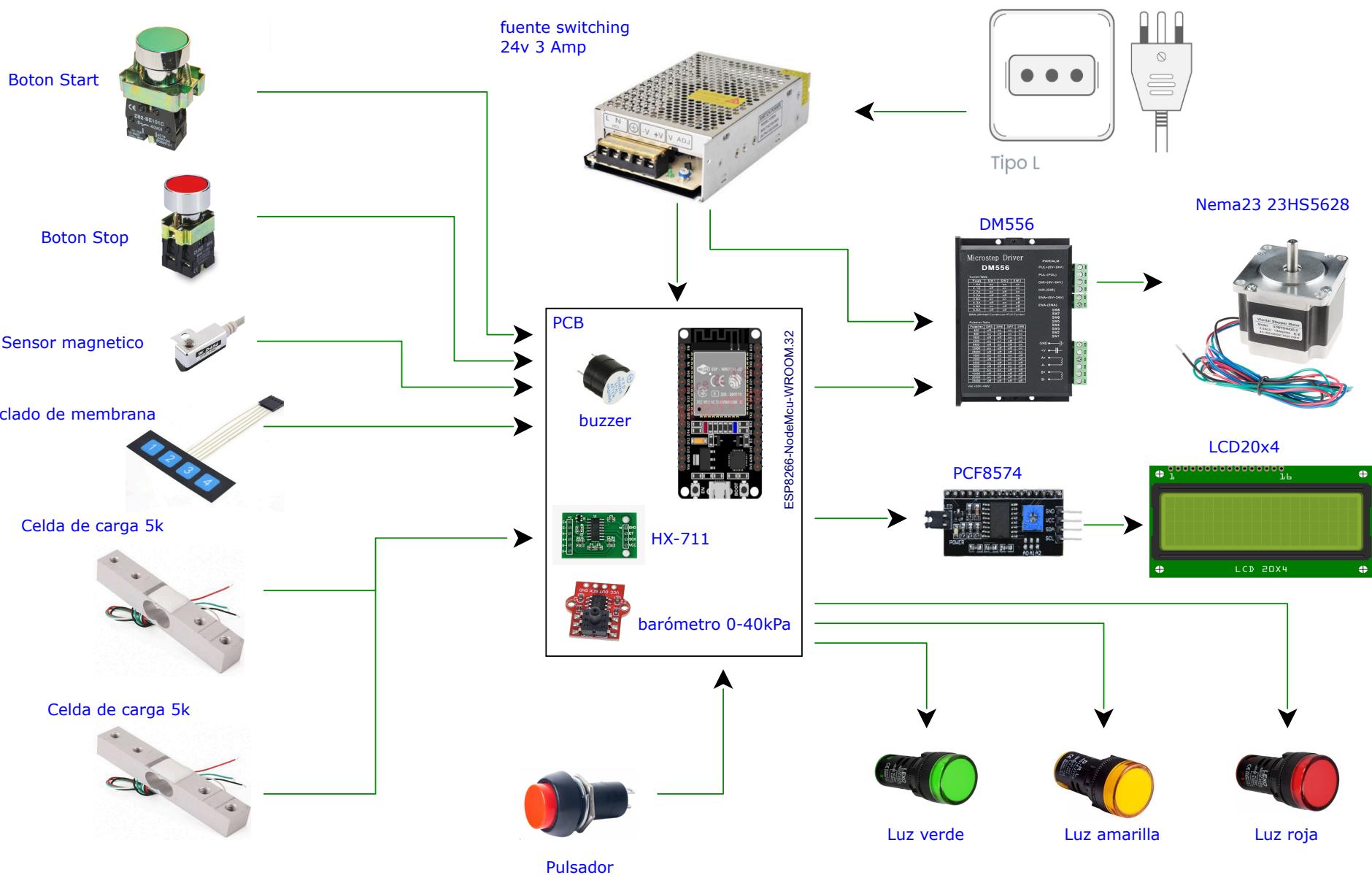


Company: UTFSM

Sheet: 4/8

Date: 2023-10-09 Drawn By: Sebastian Padilla

1 2 3 4 5

fuente switching  
24v 3 Amp

TITLE:  Sistema de apoyo de la respiracion no invasivo		REV: 1.0
	Company: UTFSM	Sheet: 5/8
	Date: 2023-10-09	Drawn By: Sebastian Padilla.

1 2 3 4 5

1

2

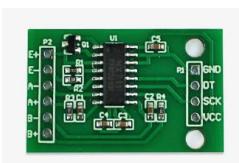
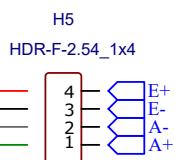
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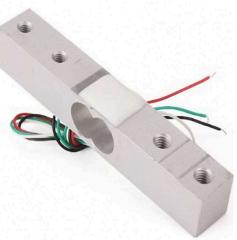
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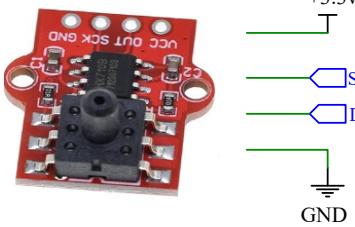
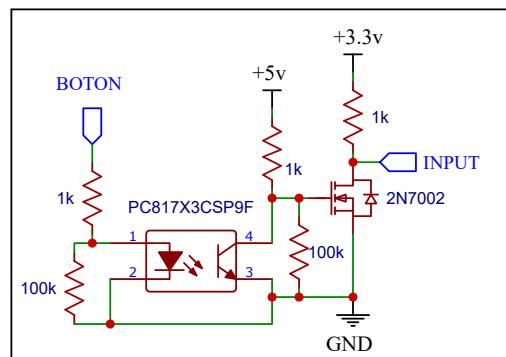
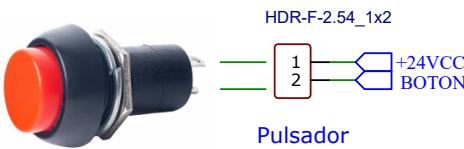
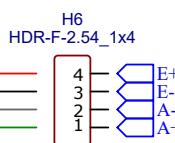
Celda de carga 5k



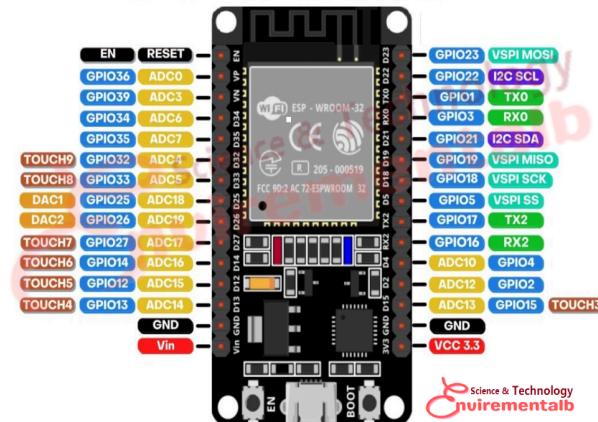
HX-711



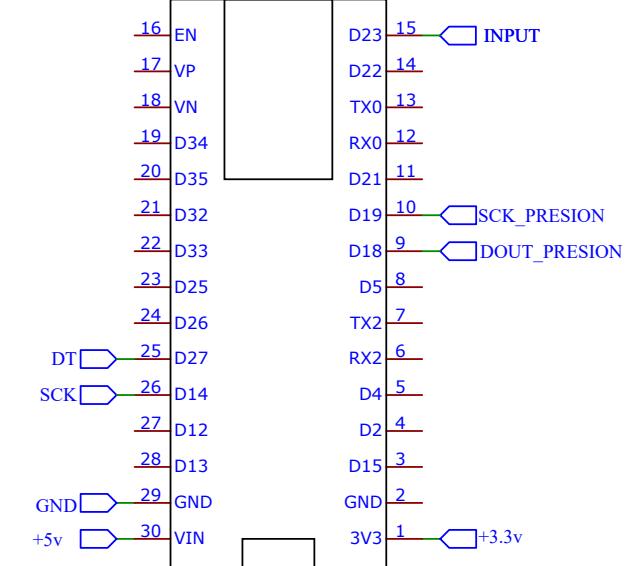
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## ESP32 DEV-KIT V1 - PINOUT DIAGRAM



## ESP8266-NodeMcu-WROOM.32



## TITLE:

Sistema de apoyo de la respiracion no invasivo

REV: 1.0



Company: UTFSM

Sheet: 6/8

Date: 2023-10-09 Drawn By: Sebastian Padilla

1

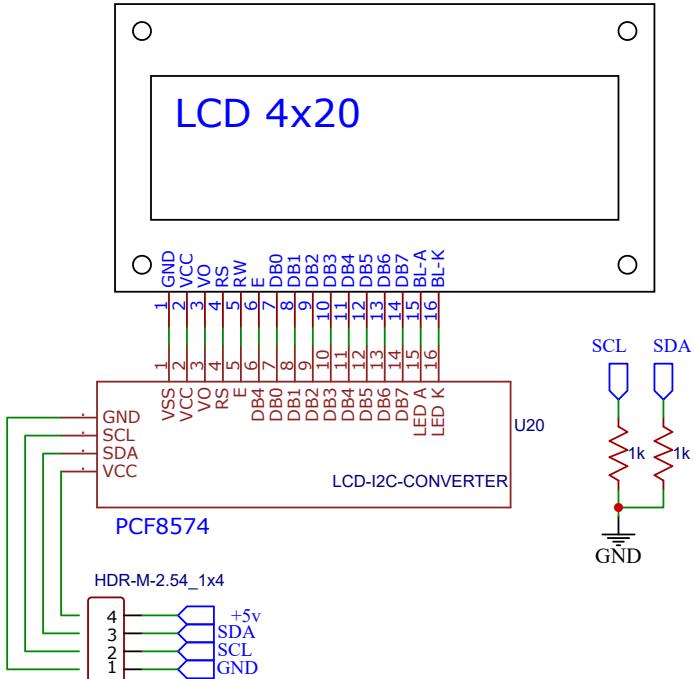
2

3

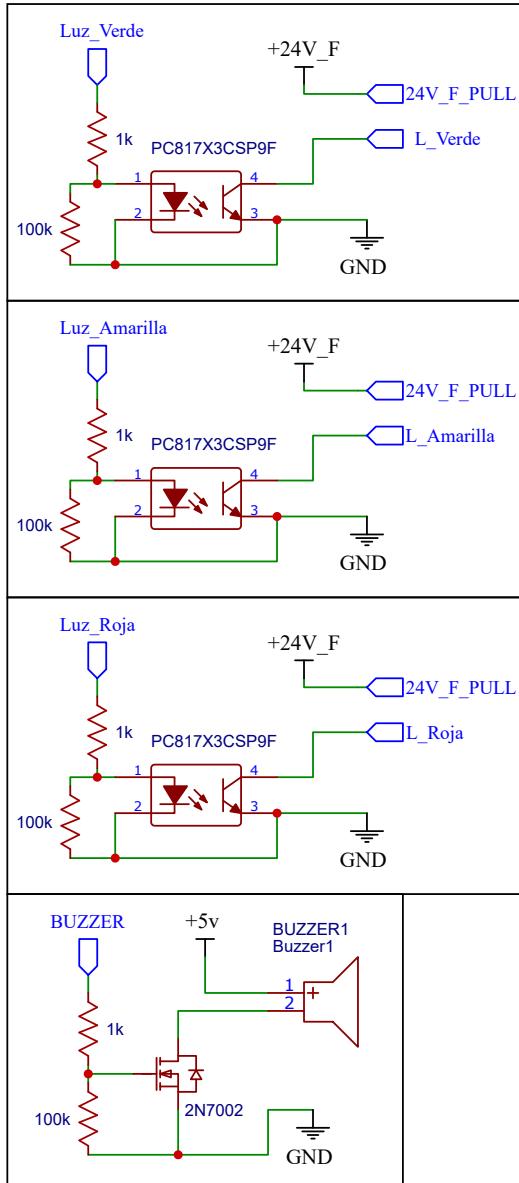
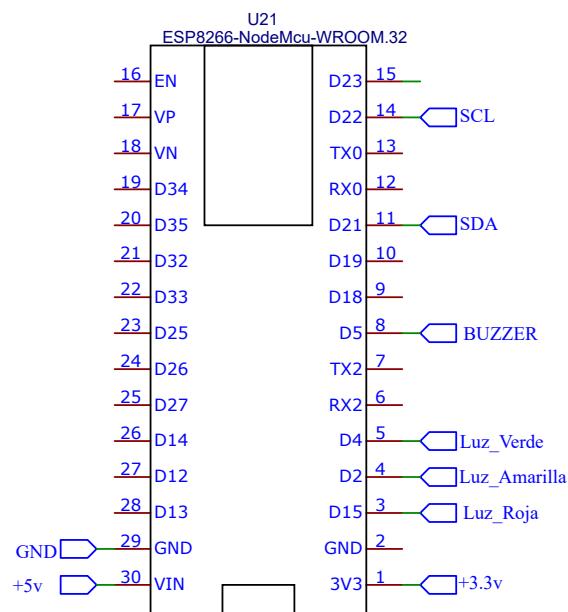
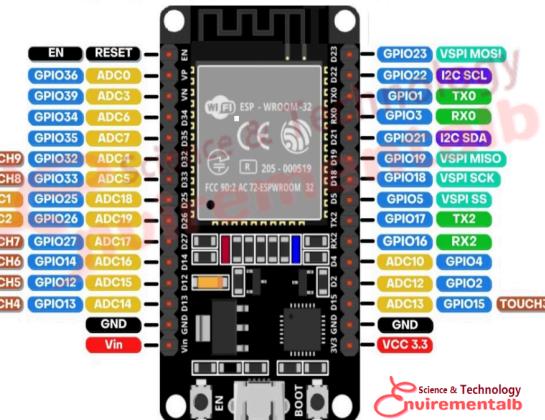
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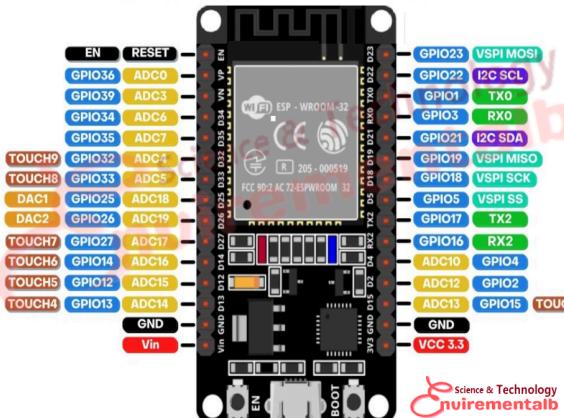
LCD-4x20-98x60mm



- Luz verde** HDR-F-2.54\_1x2 **24V\_F\_PULL** **L\_Verde**
- Luz amarilla** HDR-F-2.54\_1x2 **24V\_F\_PULL** **L\_Amarilla**
- Luz roja** HDR-F-2.54\_1x2 **24V\_F\_PULL** **L\_Roja**

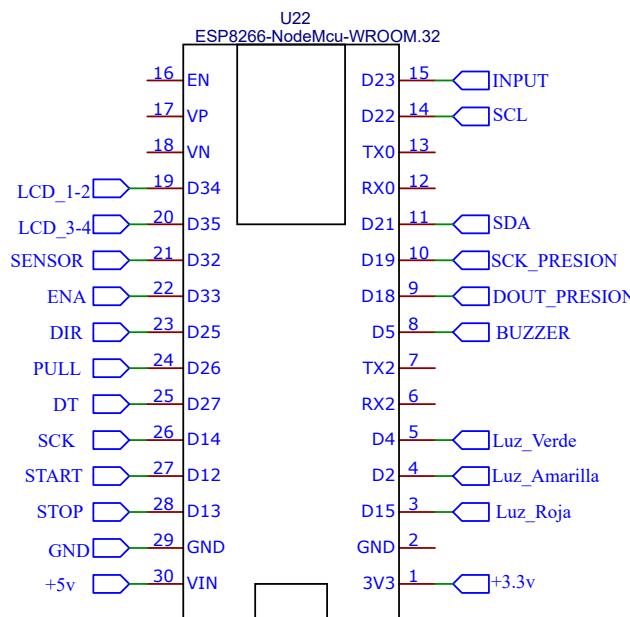
**ESP32 DEV-KIT V1 - PINOUT DIAGRAM****TITLE:****Sistema de apoyo de la respiración no invasivo****REV: 1.0****Company: UTFSM****Sheet: 7/8****Date: 2023-10-24 Drawn By: Sebastian Padilla**

### ESP32 DEV-KIT V1 - PINOUT DIAGRAM



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FUNC_1	FUNC_2	FUNC_3	PRINT	ELEMENT	I/O
	EN	RESET	EN		
GPIO36	ADC0	VP			
GPIO39	ADC3	VN			
GPIO34	ADC6	D34	LCD_1-2	IN	
GPIO35	ADC7	D35	LCD_3-4	IN	
TOUCH9	GPIO32	ADC4	D32	SENSOR	IN
TOUCH8	GPIO33	ADC5	D33	ENA	OUT
DAC1	GPIO25	ADC18	D25	DIR	OUT
DAC2	GPIO26	ADC19	D26	PULL	OUT
TOUCH7	GPIO27	ADC17	D27	CELL_DT	IN
TOUCH6	GPIO14	ADC16	D14	CELL_SCK	IN
TOUCH5	GPIO12	ADC15	D12	BOTON_START	IN
TOUCH4	GPIO13	ADC14	D13	BOTON_STOP	IN
		GND			
		Vin			



FUNC_1	FUNC_2	FUNC_3	PRINT	ELEMENT	I/O
	GPIO23	VSPI MOSI	D23	INPUT	
	GPIO22	I2C SCL	D22	LCD DT	OUT
	GPIO01	TX0	TX0		
	GPIO03	RX0	RX0		
	GPIO21	I2C SDA	D21	LCD SCK	OUT
	GPIO19	VSPI MISO	D19	SCK_PRESION	IN
	GPIO18	VSPI SCK	D18	DOUT_PRESION	IN
	GPIO05	VSPI SS	D5	BUZZER	OUT
	GPIO17	TX2	TX2		
	GPIO16	RX2	RX2		
	GPIO04	ADC10	D4	LUZ_VERDE	IN
	GPIO02	ADC12	D2	LUZ_AMARILLA	IN
	TOUCH3	GPIO15	D15	LUZ_ROJA	IN
		GND			
		VCC3,3			

TITLE: <b>Sistema de apoyo de la respiración no invasivo</b>		REV: 1.0
		Company: Your Company
		Sheet: 8/8
Date: 2023-10-24 Drawn By: Sebastian Padilla		