



## Bill Of Materials for disenoAnfusoV01

**Design Title** disenoAnfusoV01  
**Author**  
**Document Number**  
**Revision**  
**Design Created** Saturday, October 16, 2021  
**Design Last Modified** Monday, October 25, 2021  
**Total Parts In Design** 126

### 0 Modules

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">LCSC Part #</a>	<a href="#">Footprint</a>
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Sub-totals:

### 17 Capacitors

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">LCSC Part #</a>	<a href="#">Footprint</a>
12	C1,C2,C3,C4,C6,C9,C10,C11,C12,C13,C23,C35	100nF		0603_CAP
2	C5,C26	220uF		CAP SMD 6.3X7.7MM ALUMINUM 220UF/16V
1	C21	470uF		CAP SMD 10.5X10MM ALUMINUM 470UF/35V
1	C22	47uF		CAP SMD 6.3X7.7MM ALUMINUM 220UF/16V
1	C34	10uF		1206_CAP

Sub-totals:

### 51 Resistors

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">LCSC Part #</a>	<a href="#">Footprint</a>
10	R1,R2,R3,R4,R9,R10,R11,R12,R31,R32	10k		0603_RES
6	R5,R6,R7,R44,R55,R56	1K		0603_RES
1	R8	10K		0603_RES
12	R13,R14,R15,R16,R21,R22,R23,R24,R29,R38,R43,R54	4.7K		0603_RES
5	R17,R18,R19,R20,R49	20k		0603_RES
5	R25,R26,R27,R28,R30	680		0603_RES
2	R33,R34	330		0603_RES
2	R35,R40	1k		0805_RES
2	R36,R41	220		0603_RES
4	R37,R39,R42,R63	10k		0805_RES
1	R64	1k		0603_RES
1	R84	470		0603_RES

Sub-totals:

### 13 Integrated Circuits

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">LCSC Part #</a>	<a href="#">Footprint</a>
1	U1	74HC14		DIL14
7	U2,U3,U4,U6,U9,U14,U15	PC817X1J		PC817X1J
1	U5	ULN7812 TO263		DPAK-N
1	U7	TS78M05CP		TS78M05CP
1	U10	DS3231SN		SOIC127P1032X265-16N

1	U11	LM2576-3,3	TO170P1410X464-6
1	U18	AT24C512B	SO8

Sub-totals:

## 2 Transistors

Quantity	References	Value	LCSC Part #	Footprint
2	Q1,Q10	2SJ280		DPAK-N

Sub-totals:

## 12 Diodes

Quantity	References	Value	LCSC Part #	Footprint
4	D5,D6,D7,D14	1n4007 Smd Do-214		SOD2614X116
4	D8,D9,D10,D11	LED smd 0603		LEDC1608X60
1	D28	SS14-TP		DIOM5226X230N
1	D29	B330A-13-F		DIOM5226X230N
1	D30	LED-RED		LEDC2012X120
1	D33	1N4148W		SOD123

Sub-totals:

## 31 Miscellaneous

Quantity	References	Value	LCSC Part #	Footprint
4	12V,3.3V,5V,FUENTE	TBLOCK-M2		TBLOCK-M2
1	BAT1	3V		BAT 3V EG
4	DEEP SLEEP,PRG,RST,WI FI			BUTTON SMD
1	ENTRADAS	TBLOCK-M6		TBLOCK-M6
1	ESP1	ESP-12E		ESP-12E
1	F1	1A		FUSE SMD
5	L01,L02,L03,L04,L05	LED smd 0603		LEDC1608X60
1	LCD	CONN-H4		CONN-SIL4
4	LED1,LED2,LED3,LED4	LED smd 0603		LEDC2012X120
1	LINEA 220	TBLOCK-M2		T-BLOCK 2PIN BLUE
1	NODEMCU	CONN-H15		SIL-100-15
4	RELAY1,RELAY2,RELAY3,RELAY4	12 Vcc. 10 Amp		117211503
1	SALIDAS			TBLOCK-M6
1	ULN2803	ULN2803		SOP18

Sub-totals:

Totals:

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Monday, October 25, 2021 1:24:21 PM