

Bill Of Materials for EDU-CIAA Luminaria

Design Title	EDU-CIAA Luminaria
Author	Constantino Palacio
Document Number	1
Revision	3
Design Created	martes, 21 de febrero de 2023
Design Last Modified	martes, 21 de febrero de 2023
Total Parts In Design	34

7 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Unit Cost</u>	<u>PCB Package</u>
6	C1-C5,C7	100nF	\$10,00	CAP10
1	C6	2.2uF	\$10,00	ELEC-RAD10
Sub-totals:			\$70,00	

7 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	R1	2.2k	\$5,00	RES40
6	R2,R6,R8,R10,R12,R14	10k	\$5,00	RES40
Sub-totals:			\$35,00	

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	U1	ULN2003A		DIL16
Sub-totals:			\$0,00	

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	Q1	BC548	\$25,00	TO92
Sub-totals:			\$25,00	

1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	D1	1N4007		DIODE30
Sub-totals:			\$0,00	

17 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	J1	CONN_CUSTOM4		CONN_CUSTOM4
1	J2	CONN_CUSTOM5		CONN_CUSTOM5

2	J3, J9	SIL-100-03		SIL-100-03
4	J4-J6, J8	TBLOCK-I2	\$100,00	TBLOCK-I2
2	J7, J12	SIL-100-06		SIL-100-06
5	J11, J13-J16	BUTTON2	\$85,00	BOTON3
1	RL1	G5CLE-14-DC12		RLY-OMRON-C4
1	RV1	10k	\$170,00	PRE-THUMB

Sub-totals:

\$995,00

Totals:

\$1.125,00