Bill of Materials

Source Data From:	**AltiumEnerfi.PrjPcb**	
Project:	**AltiumEnerfi.PrjPcb**	
Group:	**Grupo 9**	

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FACULTAD REGIONAL BUENOS AIRES

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Footprint	Comment	LibRef	Designator	Description	Quantity
C0805-0.80	CAP	CAP	C1, C2		2
DO35	DIODO ZENER	DIODO ZENER	DZ1		1
BORNERA2	VOLTAGE	BORNERA 2_V	J1		1
BORNERA2	CURRENT	BORNERA 2_V	J2		1
R0805-0.45	100k	RES_1	R1, R4		2
R0805-0.45	1k	RES_1	R2		1
R0805-0.45	10k	RES_1	R3, R8		2
R0805-0.45	33k	RES_1	R5		1
PRESET V	5k	Preset	R6		1
R0805-0.45	3k3	RES_1	R7		1
TACTSWITCH	RESET	TACT SW	S1		1
TPTH	AC DIV	TP	TP1		1
TPTH	DC DIV	TP	TP2		1
TPTH	CURR	TP	TP3		1
TPTH	VOLT	TP	TP4		1
HLK PM01	220v to 5v AC-DC	HLK PM01	U1	HLK PM01 220v to 5v AC-DC Isolated Switching Power Supply	1
SOP127P600X175-8N	ACS712	ACS712	U2	Hall Effect-Based Linear Current Sensor	1
SOP127P600X175-8N	LM358	LM358	U3		1
MODULE_ESP32_DEVKIT_V1	ESP32-DEVKITC-32U	ESP32-DEVKITC-32U	U4	- Transceiver; 802.11 b/g/n _Wi-Fi, WiFi, WLAN_, Bluetooth® Smart 4.x Low Energy _BLE_ For Use With ESP-WROOM-32	1
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Approved	**Notes**	