Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	Capacitor	C?	CAP_0805	CapSMD	2
10nF	Capacitor	C?	CAP_0805	CapSMD	2
10uF	Capacitor	C?	CAP_0805	CapSMD	3
10uF	10uF 35V SMD7343	C?	CAP_7343	CAP_TAN_SMD	1
100nF	Capacitor	C?	CAP_0805	CapSMD	11
220uF	220uF 25V 6x7mm	C?	C5mm	Cap Pol	3
220uF	220uF 50V 8x12mm	C?	C8mm	Cap Pol	1
470uF	470uF 50V 8x12mm, 220uF 50V 8x12mm	C?	C8mm	Cap Pol	3
1N5822	Schottky Rectifiers	D?	SMA	1N5822	2
M7	Dán	D?	DIODE SMA	Diode M7 (4007)	1
SS34	Dán	D?	DIODE SMA	Diode SS34 (1N5822)	2
SS34 Diode 3A 40V	Dán	D?	DIODE SMA	Diode M7 (4007), Diode SS34 (1N5822)	3
Current Sensor IC		IC?	SOIC-8	ACS712	2
KF2		J?	KF2-5.08	KF2	2
33uH	33uH CD74R 7x7x4mm	L?	L-SMD-M-7.3x4.5	L-SMD-1	2
180uH	180uH 4A 13mm	L?	L-DIP-M-13.5x6	Inductor	1
LED	LED Single colour Green and Red	LED?	LED-0805-Red	LED	1
Header 4	Header, 4-Pin	P?	HDR1X4	Header 4	1
2N222	NPN 600mW, ECB	Q?	SOT23D	2N222	1
IRF2807		Q?	IRF2807	IRF2807	2
0R	Resistor	R?	RES-SMD-0805	Resistor - SMD	1
1k	Resistor	R?	RES-SMD-0805	Resistor - SMD	4
1.5k	Resistor	R?	RES-SMD-0805	Resistor - SMD	1
2k	Resistor	R?	RES-SMD-0805	Resistor - SMD	1
3k	Resistor	R?	RES-SMD-0805	Resistor - SMD	3
10k	Resistor	R?	RES-SMD-0805	Resistor - SMD	9
13k	Resistor	R?	RES-SMD-0805	Resistor - SMD	1
100k	Resistor	R?	RES-SMD-0805	Resistor - SMD	2
100R	Resistor	R?	RES-SMD-0805	Resistor - SMD	2
Relay 10A/12V	Relay SPDT,10A - 12VDC 5 Pin	RL?	RELAY 5	Relay 5	1
SW	Switch button 2 pin	SW?	SW2	SW2	1
ADS1115IDGSR	Analog to Digital Converters - ADC 16B ADC w/ Int MUX PGA Comp Osc & Ref	U?	VSOP-10_19.6_230_57X12_SMD	IC_ADS1115IDGSR	1
ESP32-DEVKITC-32D	EVAL BOARD FOR ESP-WROOM-32	U?	MODULE_ESP32-DEVKITC-32D	ESP32-DEVKITC-32D	1
IR2104	Half-Bridge Driver	U?	DIP8	IR2184	1
LM1117-ADJ	800mA Low-Dropout Linear Regulator	U?	LM1117-SOP	LM1117-ADJ	1
LM2596		U?	TO263	LM2596	2
STM32G030C8T6		U?	STMicroelectronics_LQFP48-5B_IPC_A	STM32G030C8T6	1