



Comment	Description	Designator	Footprint	LibRef	Quantity
cap 22pF		C1, C2	CAP 22pF	cap 22pF	2
10uF		C3, C4	Bulk capacitor	Bulk Capacitor	2
TVSdiode		D1	TVSdiode	TVSdiode	1
DC Jack		DC1	DC jack	DC Jack	1
Fuse		F?	Fuse	Fuse	1
LED		L?	LED	LED	1
Current		PH1	Female pin header 3pin	Pin Headers Female 3pin	1
Bluetooth		PH2	Pin Headers Female 6pin	Pin Headers Female 6pin	1
Volt		PH3	Female pin header 3pin	Pin Headers Female 3pin	1
MD2		PH4	Pin Headers Female 6pin	Pin Headers Female 6pin	1
MD1		PH5	Pin Headers Female 6pin	Pin Headers Female 6pin	1
FUS		PH6	Pin header female 4 pin	pin header female 4pin	1
LUS		PH7	Pin header female 4 pin	pin header female 4pin	1
RGB		PH8	Pin header female 4 pin	pin header female 4pin	1
Resistor 10K		R1, R?	Resistor 10K	Resistor 10K	2
MD1		TB1	terminalblock	Terminal 2pin	1
Current Sensor		TB2	terminalblock	Terminal 2pin	1
Voltage sensor		TB3	terminalblock	Terminal 2pin	1
MD2		TB4	terminalblock	Terminal 2pin	1
ATmega328p		U1	ATmega328p	ATmega328p	1
LM7805CT		U2	LM7028CT	LM7805CT	1
ECS-160-S-4		Y1	ECS-160-S-4	ECS-160-S-4	1