

## Otto's\_PowerSupplyBOM : Munkalap1

Label	Part Type	Properties
L1	Red (633nm) LED	color Red (633nm); leg yes; package 3 mm [THT]
L2	Blue (470nm) LED	color Blue (470nm); leg yes; package 3 mm [THT]
C1	Electrolytic Capacitor	capacitance 3.3mF; voltage 35V; package 300 mil [THT, electrolytic]
C2	Electrolytic Capacitor	capacitance 3.3mF; voltage 35V; package 300 mil [THT, electrolytic]
C3	Electrolytic Capacitor	capacitance 3.3mF; voltage 35V; package 300 mil [THT, electrolytic]
C4	Electrolytic Capacitor	capacitance 3.3mF; voltage 35V; package 300 mil [THT, electrolytic]
C5	Electrolytic Capacitor	capacitance 3.3mF; voltage 35V; package 300 mil [THT, electrolytic]
C6	Electrolytic Capacitor	capacitance 3.3mF; voltage 35V; package 300 mil [THT, electrolytic]
C7	Tantalum Capacitor	capacitance 1µF; voltage 6.3V; package 100 mil [THT, tantalum]
C8	Tantalum Capacitor	capacitance 1µF; voltage 6.3V; package 100 mil [THT, tantalum]
C9	Tantalum Capacitor	capacitance 1µF; voltage 6.3V; package 100 mil [THT, tantalum]
C10	Tantalum Capacitor	capacitance 1µF; voltage 6.3V; package 100 mil [THT, tantalum]
D1	Rectifier Diode	type Rectifier; package 300 mil [THT]; part number 1N4004
D2	Rectifier Diode	type Rectifier; package 300 mil [THT]; part number 1N4004
D3	Rectifier Diode	type Rectifier; package 300 mil [THT]; part number 1N4004
D4	Rectifier Diode	type Rectifier; package 300 mil [THT]; part number 1N4004
D5	Rectifier Diode	type Rectifier; package 300 mil [THT]; part number 1N4004
D6	Rectifier Diode	type Rectifier; package 300 mil [THT]; part number 1N4004
J4	Screw terminal - 3 pins	hole size 1.0mm,0.508mm; pins 3; pin spacing 0.137in (3.5mm); package THT
LM78xx	7812	voltage 12V; variant variant 2; package TO220 [THT]
LM79xx	7912	voltage 12V; variant variant 4; package TO220 [THT]
R1	2.4kΩ Resistor	resistance 2.4kΩ; bands 4; pin spacing 400 mil; tolerance ±5%; package THT
R2	2.4kΩ Resistor	resistance 2.4kΩ; bands 4; pin spacing 400 mil; tolerance ±5%; package THT
Other	Power Supply	15V AC Power Supply
Other	Heatsink	2X heatsink

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