

Bill of Materials: Strobe V1.0 routed with groundfill.fzz

C:/Users/Office/Desktop/_ RC Strobe PCB/Strobe V1.0 routed with groundfill.fzz

Friday, August 3 2018, 16:08:27

Assembly List

Label	Part Type	Properties
7805	Voltage Regulator - 5V	package DPak [SMD]; voltage 5V
AUX	Generic female header - 2 pins	package THT; form ♀ (female); pins 2; hole size 1.0mm,0.508mm; row single; pin spacing 0.1in (2.54mm)
BATT	Header 2	package screwterminal-3.5mm-2_lock; variant 3.5mm_lock
BCN	Header 2	package screwterminal-3.5mm-2_lock; variant 3.5mm_lock
C1	Electrolytic Capacitor	package 100 mil [THT, electrolytic]; capacitance 47μF; voltage 20V
C2	Electrolytic Capacitor	package 100 mil [THT, electrolytic]; capacitance 47μF; voltage 20V
Q1	NPN-Transistor	package TO92 [THT]; variant variant 1; type NPN (CBE)
Q2	NPN-Transistor	package TO92 [THT]; variant variant 1; type NPN (CBE)
R1	100Ω Resistor	resistance 100Ω; tolerance ±5%; package 0805 [SMD]
R2	100Ω Resistor	resistance 100Ω; tolerance ±5%; package 0805 [SMD]
R2	100Ω Resistor	resistance 100Ω; tolerance ±5%; package 0805 [SMD]
R3	4.7kΩ Resistor	resistance 4.7kΩ; tolerance ±1%; package 0805 [SMD]
R6	2.2kΩ Resistor	resistance 2.2kΩ; tolerance ±5%; package 0805 [SMD]
R7	100Ω Resistor	resistance 100Ω; tolerance ±5%; package 0805 [SMD]
R8	10kΩ Resistor	resistance 10kΩ; tolerance ±5%; package 0805 [SMD]

Label	Part Type	Properties
R9	100Ω Resistor	resistance 100Ω; tolerance ±5%; package 0805 [SMD]
S1	Momentary Switch	package tactile-ptb; variant pth
U1	attiny85	package dip; variant dip08 THT; version Attiny85-20PU; type Atmel AVR
WING	Header 3	package screwterminal-3.5mm-3_lock.007s; variant screw_lock
WING	Header 3	package screwterminal-3.5mm-3_lock.007s; variant screw_lock

Shopping List

Amount	Part Type	Properties
1	Voltage Regulator - 5V	package DPak [SMD]; voltage 5V
1	Generic female header - 2 pins	package THT; form ♀ (female); pins 2; hole size 1.0mm,0.508mm; row single; pin spacing 0.1in (2.54mm)
2	Header 2	package screwterminal-3.5mm-2_lock; variant 3.5mm_lock
2	Electrolytic Capacitor	package 100 mil [THT, electrolytic]; capacitance 47μF; voltage 20V
2	NPN-Transistor	package TO92 [THT]; variant variant 1; type NPN (CBE)
5	100Ω Resistor	resistance 100Ω; tolerance ±5%; package 0805 [SMD]
1	4.7kΩ Resistor	resistance 4.7kΩ; tolerance ±1%; package 0805 [SMD]
1	2.2kΩ Resistor	resistance 2.2kΩ; tolerance ±5%; package 0805 [SMD]
1	10kΩ Resistor	resistance 10kΩ; tolerance ±5%; package 0805 [SMD]
1	Momentary Switch	package tactile-ptb; variant pth
1	attiny85	package dip; variant dip08 THT; version Attiny85-20PU; type Atmel AVR
2	Header 3	package screwterminal-3.5mm-3_lock.007s; variant screw_lock

