

Bill of Materials: MyoWareArduinoUNO.fzz

/Users/juangomez/Documents/Fritzing/MyoWareArduinoUNO.fzz

Thursday, May 23 2019, 19:29:01

Assembly List

Label	Part Type	Properties
C1	Ceramic Capacitor	voltage 6.3V; package 100 mil [THT, multilayer]; capacitance 22 μ F
C2	Ceramic Capacitor	voltage 6.3V; package 100 mil [THT, multilayer]; capacitance 100nF
LED1	Red (633nm) LED	leg yes; color Red (633nm); package 5 mm [THT]
R2	220 Ω Resistor	tolerance $\pm 5\%$; package THT; pin spacing 400 mil; bands 4; resistance 220 Ω
R3	10 Ω Resistor	tolerance $\pm 5\%$; package THT; pin spacing 400 mil; bands 4; resistance 10 Ω
S1	Pushbutton	package [THT]
U1	atmega328	variant dip28 THT; package dip; type ATMEGA328; version Atmega328-20PU
U2	Voltage Regulator - 5V	voltage 5V; package TO220 [THT]
VCC1	Battery	voltage 3V
XTAL1	Crystal	frequency 16 Mhz; package THT; type crystal; pin spacing 5.08mm

Shopping List

Amount	Part Type	Properties
1	Ceramic Capacitor	voltage 6.3V; package 100 mil [THT, multilayer]; capacitance 22 μ F
1	Ceramic Capacitor	voltage 6.3V; package 100 mil [THT, multilayer]; capacitance 100nF
1	Red (633nm) LED	leg yes; color Red (633nm); package 5 mm [THT]
1	220 Ω Resistor	tolerance $\pm 5\%$; package THT; pin spacing 400 mil; bands 4; resistance 220 Ω
1	10 Ω Resistor	tolerance $\pm 5\%$; package THT; pin spacing 400 mil; bands 4; resistance 10 Ω
1	Pushbutton	package [THT]

1	atmega328	variant dip28 THT; package dip; type ATMEGA328; version Atmega328-20PU
1	Voltage Regulator - 5V	voltage 5V; package TO220 [THT]
1	Battery	voltage 3V
1	Crystal	frequency 16 Mhz; package THT; type crystal; pin spacing 5.08mm

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