

Bill of Materials: HSU (Hand Scanner Unit)

Friday, February 1 2013

Assembly List

Label	Part Type	Properties
9V VCC	Battery block 9V	voltage 9V
JY- MCU	Generic female header - 4 pins	package THT; gender ♀; hole shape Square; pins 4; pin spacing 0.1in (2.54mm)
Nano	Arduino Nano v3.0	processor ATmega; variant Arduino Nano v3.0
R1	10k Ω Resistor	package THT; resistance 10k Ω ; rated power 0.25 watt; footprint 400 mil
R2	10k Ω Resistor	package THT; resistance 10k Ω ; rated power 0.25 watt; footprint 400 mil
R3	10k Ω Resistor	package THT; resistance 10k Ω ; rated power 0.25 watt; footprint 400 mil
S1	Pushbutton	package [THT]

Shopping List

Amount	Part Type	Properties
1	Generic female header - 4 pins	package THT; gender ♀; hole shape Square; pins 4; pin spacing 0.1in (2.54mm)
3	10k Ω Resistor	package THT; resistance 10k Ω ; rated power 0.25 watt; footprint 400 mil
1	Pushbutton	package [THT]
1	Arduino Nano v3.0	processor ATmega; variant Arduino Nano v3.0
1	Battery block 9V	voltage 9V

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