Bill of Materials: Micro Servo robotic arm with Record & Play mode.fzz

C:/Users/admin/Desktop/Micro Servo robotic arm with Record & Play mode.fzz

Thursday, January 19 2017, 10:35:00

Assembly List

Label	Part Type	Properties
J1	Basic Servo	part # Tower pro 9g
J2	Basic Servo	part # Tower pro 9g
J3	Basic Servo	part # Tower pro 9g
J4	Basic Servo	part # Tower pro 9g
JP1	Header 6	variant smd; package 1x06-smd; part # PINS
JP2	Header 6	variant smd; package 1x06-smd; part # PINS
Part1	Arduino Nano (Rev3.0) (ICSP)	type Arduino Nano (3.0) ICSP; part # ARDUINO NANO
R1	10kΩ Resistor	resistance 10kΩ; tolerance ±5%; package 0805 [SMD]
R2	10kΩ Resistor	resistance 10kΩ; tolerance ±5%; package 0805 [SMD]
R3	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT1
R4	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT2
R5	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT3
R6	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT4
S1	Momentary Switch	variant pth; package tactile-pth; part # PAUSE
S2	Momentary Switch	variant pth; package tactile-pth; part # RECORD/PLAY
V1	DC Power	type dc power supply; voltage 5V; part # External supply

Shopping List

Amount	Part Type	Properties
4	Basic Servo	part # Tower pro 9g
2	Header 6	variant smd; package 1x06-smd; part # PINS
1	Arduino Nano (Rev3.0) (ICSP)	type Arduino Nano (3.0) ICSP; part # ARDUINO NANO
2	10kΩ Resistor	resistance 10kΩ; tolerance ±5%; package 0805 [SMD]
1	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT1
1	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT2
1	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT3
1	Trimmer Potentiometer	track Linear; maximum resistance 10kΩ; size Trimmer - 6mm; package THT; type Trimmer Potentiometer; part # POT4
1	Momentary Switch	variant pth; package tactile-pth; part # PAUSE
1	Momentary Switch	variant pth; package tactile-pth; part # RECORD/PLAY
1	DC Power	type dc power supply; voltage 5V; part # External supply