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OpenSource 3D printable Robotic Arm



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QUANTITY

COMPONENT NAME

- 1×Barrel Jack Connector
Control PCB
- 112×Female Pins
Control PCB
- 4×Cooper Plate 36x16mm
Sensor PCBs
- 1×Bus Wire 2x36
Control PCB
- 1×40mm Fan
Control PCB
- 12×Male angled pin
Sensor PCBs
- 4×10kΩ Resisto
Sensor PCBs
- 4×220Ω Resistor
Sensor PCBs
- 4×Optocoupler
Sensor PCBs
- 3×Mettters of wire
Sensor PCBs
- 5×3 Wire female connectors
Sensor PCBs
- 4×Kg of filament
- 1×Nema 17; L=40mm; Holding torque: 39.22 N.cm
- 3×Nema 17; L=34mm; 5.18:1 mechanical reduction; Holding torque: 121.2 N.cm
- 3×Nema 17 L=34mm; Holding torque: 21.57 N.cm
- 2×GT2 closed belt 208mm (104teeth)
- 1×GT2 open belt 1m
- 1×GT2x20 Pulley
- 2×GT2x40 Pulley
- 1×16014zz Bearing
- 11×625ZZ Bearing
- 2×MF84ZZ Bearing
- 2×14mm x Ø5mm Rod
- 1×14,5mm x Ø5mm Rod
- 1×32mm x Ø5mm Rod
- 1×102mm x Ø5mm Rod
- 1×128mm x Ø5mm Rod

QUANTITY	COMPONENT NAME	
8	×	M2x8mm Bolt
2	×	M2x10mm Bolt
6	×	M3x6mm Bolt
41	×	M3x8mm Bolt
1	×	M3x10mm Bolt
15	×	M3x12mm Bolt
9	×	M3x16mm Bolt
4	×	M3x18mm Bolt
8	×	M3x25mm Bolt
8	×	M3x28mm Bolt
8	×	M3x30mm Bolt
13	×	M3x40mm Bolt
8	×	M3x46mm Bolt
1	×	M5x18mm Bolt
10	×	M2 Nut
83	×	M3 Nut
1	×	M5 Nut
1	×	Arduino Mega
1	×	Micro Endstop
1	×	Cooper Plate 120x91mm Control PCB
7	×	A4988 Stepper Motor Driver Control PCB
7	×	25V 100uF Capacitor Control PCB
7	×	10k Ω Resistor Control PCB
97	×	Male Pins Control PCB