## LabBot3D multichannel build

	Title	Comments	Price	Quantity	Has
(ō	HATCHBOX PLA 3D Printer Filament, Dimensional Accuracy +/- 0.03 mm, 1 kg Spool, 1.75 mm, Black Offered by Amazon.com.		\$19.99	1	0
****	uxcell JF-1039B DC 12V 400mA 4800W 25N 10mm Pull Push Type Linear Motion Solenoid Electromagnet Offered by uxcell.		\$13.39	2	0
d	StarTech.com 3-Feet USB 2.0 Certified A to B Cable - M/M (USB2HAB3) Offered by Amazon.		\$3.99	1	0
	Iverntech MGN12 300mm Linear Rail Guide with MGN12H Carriage Block for 3D Printer and CNC Machine  Offered by Iverntech.		\$29.99	2	0
	Mercurry 5 Meters GT2 timing belt width 6mm Fit for RepRap Mendel Rostock Prusa GT2-6mm Belt Offered by LEZHI.		\$8.99	1	0
	Kee Pang 300mm T8 Lead Screw Integrated with Nema 17 Stepper Motor 1.5A 48Ncm/69 oz.in 4-Lead W/800mm Cable and Connector for DIY 3D Printer Kits Offered by Kee Pang.		\$23.99	3	0
	Wangdd22 1pcs T8 Anti backlash Spring Loaded Nut Elimination Gap Nut for 8mm Acme Threaded Rod Lead Screws Offered by wangdd22.		\$6.98	2	0
V66 6	BIQU GT2 3mm Bore Aluminum Toothless Timing Belt Idler Pulley for 3D Printer 6mm Width Timing Belt (Pack of 5pcs) Offered by BIQU.		\$7.99	2	0
RRR	Qunqi 5PCS Aluminum GT2 Timing Belt Pulley 20 Teeth Bore 5mm Width 6mm and Wrench for RepRap 3D Printer Prusa i3 Offered by Qunqi C.		\$8.99	1	0
5	STEPPERONLINE 0.9deg Nema 17 Stepper Motor Bipolar 2A 46Ncm/65oz.in 42x42x48mm 4-wires DIY CNC Offered by StepperOnline.		\$21.99	2	0
	iExcell 100 Pcs M5 x 10 mm Internal Hex Drive Button Head Cap Screws, Alloy Steel Black Oxide Finish, 10.9 Grade Offered by iexcell.		\$9.98	1	0
<b>&amp; ©</b>	TOPINSTOCK 20x20 European Aluminum Extrusions Slim T-Nut M5 Thread Pack of 100 Offered by TopinStock.		\$12.99	1	0
·	uxcell M4 x 10mm Alloy Steel Hex Bolt Socket Head Cap Screws Black 100 Pcs Offered by uxcell.		\$8.34	1	0
26	TOPINSTOCK 2020 Drop In Post Assembly M4 T-nut for 20 x 20 Aluminum Extrusion Pack of 100 Offered by TopinStock.		\$12.99	1	0
	Gowoops Micro Board for Arduino, Leonardo Mini Controller 5V 16 MHz ATmega32u4 Module		\$16.99	3	0

Offered by gowoops.

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	Cole-Parmer Platinum-Cured Silicone Tubing, 1/16" ID x 1/8" OD, 25 ft/Pk Offered by Cole-Parmer.	\$37.20	2	0
	Cole-Parmer Platinum-Cured Silicone Tubing, 1/8"ID x 1/4"OD, 25 ft/pack Offered by Amazon.com.	\$61.20	1	0
	ELEMENT Element14 Raspberry Pi 3 B+ Motherboard Offered by MemoryWhiz.	\$39.59	1	0
	Apevia ATX-WR750W Warrior 750W ATX Modular Gaming Power Supply Offered by Amazon.com.	\$40.50	1	0
0	USA Sealing Inc-Pack of 50-Buna-N O-Ring-2mm Wide 4.5mm ID Offered by USA Sealing.	\$6.34	1	0
	CanaKit 5V 2.5A Raspberry Pi 3 B+ Power Supply / Adapter (UL Listed) Offered by CanaKit.	\$9.99	1	0
SAMSUNG  SO EVO Pass  Solution	Samsung 32GB EVO Plus Class 10 Micro SDHC with Adapter (MB-MC32GA/AM) Offered by Digital Media Source.	\$11.79	1	0
0-0- 0-0-	BIQU Endstop Mechanical Limit Switch for 3D Printer RAMPS 1.4 (Pack of 5pcs) Offered by BIQU.	\$6.99	1	0
inik E	Kuman 7 Inch HD Display 1024x600 TFT LCD Screen Monitor for Raspberry Pi 3 2B B RPi 1 B+A+ with HDMI VGA Input, DVD VCR Car and Remote HDMI Cable SC7J (7 Inch TFT LCD Screen Monitor)  Offered by kumanshop.	\$56.98	1	0
Air i	uxcell Ball Bushing Linear Motion 8mm x 15mm x 24mm Double Sealed 10 Pcs Offered by uxcell.	\$9.03	1	0
	Two (2) 8mm x 406mm (.315" x 16") Case Hardened Chrome Linear Motion Rods/Shafts / Guides - Metric G6 Tolerance Offered by Amazon.com.	\$13.95	2	0
<b>©</b>	YXQ DC6-36V 300mA NPN NO 3-wire 4mm Tubular Inductive Proximity Sensor Switch LJ12A3-4-Z-BX Offered by WLG Electrical.	\$6.59	1	0
	uxcell Beige Module PSU 24 Pin 90 Degree ATX Connector Adapter 5 Pcs Offered by uxcell.	\$4.86	1	0
	StarTech 8-Inch 24 Pin ATX 2.01 Power Extension Cable (ATX24POWEXT) Offered by Amazon.	\$6.16	1	0
Q	WINGONEER 10 pcs/lot 70cm 3 Pin Female to Female Jumper Wire Dupont Cable for 3D Printer Offered by 3C4U@US.	\$6.99	1	0
	HONG111 10Pcs 70cm 4 Pin Female to Female Dupont Jumper Wire Cable for 3D Printer, RAMPS 1.4 Endstops Thermistors Motor Dupont Cable Offered by HONG 111.	\$11.99	1	0
	Cable Matters 3-Pack USB 2.0 A to B USB Printer Cable - 3 Feet - Available 3FT - 15FT in Length	\$8.99	1	0
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Offered by Cable Matters.

ď	Cole-Parmer AO-45505-04 Male luer with lock ring x 1/8" hose barb, Nylon, 25/pk Offered by Amazon.com.	\$10.75	1	0
gil.	Cole-Parmer AO-45502-04 Female luer x 1/8" hose barb adapter, Nylon, 25/pk Offered by Amazon.com.	\$10.25	1	0
ø	Cole-Parmer Female luer x 1/16" hose barb adapter, Nylon, 25/pk Offered by Amazon.com.	\$12.50	1	0
6	Cole-Parmer Male luer with lock ring x 1/16" hose barb, Nylon, 25/pk Offered by Amazon.com.	\$13.50	1	0
5	Nema 17 Stepper Motor Bipolar 2A 59Ncm(84oz.in) 48mm Body 4-lead W/ 1m Cable and Connector compatible with 3D Printer/CNC Offered by StepperOnline.	\$13.71	1	0
<b>4</b> 50	BIQU Big Plastic Pulley Wheel with Bearing Idler Pulley Gear Perlin Wheel for 3D Printer (Pack of 5 pcs) Offered by BIQU.	\$8.99	1	0
	Witbot 40x40x10mm DC 12V 2 Pin Cooling Blower Brushless Mini Fan for 3D Printer (Pack of 2pcs)  Offered by WitBot.	\$6.98	1	0
	ADS1115 16-Bit ADC - 4 Channel with Programmable Gain Amplifier Offered by kjdElectronics.	\$15.67	1	0
A T T T T	20 Pack F10AL Fast-Blow Fuse 10A 250V Glass Fuses 5 x 20mm (10amp) (F10A) by FENGWANGLI Offered by FENGWNAGLI.	\$5.99	1	0
10	Glass Ceramic Tube Quick Fast Blow Fuse Clips Holders 5 x 20mm 100pcs Offered by uxcell.	\$9.74	1	0
	uxcell 50pcs 5mm Spacing PCB Mount Screw Terminal Blocks Blue 300V 16A Offered by uxcell.	\$9.11	1	0
—(III)—————————————————————————————————	10K Ohm, 1/4 Watt, 5%, Carbon Film Resistors (pack of 100) Offered by Slangtronics.	\$4.44	1	0
	Ribbon Cable - 10 wire (15ft) Offered by Connectors Pro.	\$6.88	1	0
	50 Pcs IDC Connector FC-10P 10Pin Female Header 2.54mm Pitch Offered by uxcell.	\$9.13	1	0
	uxcell 10 Pcs 2x5 Pin 2.54mm Pitch Double Row Breadboard IDC Headers Offered by uxcell.	\$7.58	1	0
	8in EPS 8 Pin Power Extension Cable Offered by Amazon.	\$2.95	1	0
Etropins MSS	Kingston 8 GB microSDHC Class 4 Flash Memory Card SDC4/8GBET Offered by Amazon.com.	\$5.99	1	0