

	Description	MZBot Part #	Supplier	Supplier Part #	Qty
Frame	2020 Extrusion - Black - 370mm	VB-FR-01-EXT1	Misumi	HFSB5-2020-370	12
	Cube Corner Bracket	VB-FR-01-CB1	OpenBuilds	VS-CC3WAY	8
Linear Motion	Linear Shaft - 8mm - Hardened	VB-LM-01-LS1	Misumi	PSFJ8-320	8
	Linear Bearing (Single)	VB-LM-01-LB1	Misumi	LMU8	2
	Linear Bearing (Double)	VB-LM-01-LB2	Misumi	LMUW8	6
	GT2 Belt - 6mm x 2mm pitch (by meter)	VB-LM-01-GTB1	Aliexpress		3
	GT2 Pulley - 20 tooth - 2mm pitch	VB-LM-01-GTP1	Aliexpress		2
	F695ZZ - Flanged Ball Bearing	VB-LM-01-BBF1	Aliexpress	F695ZZ	16
Electronics	NEMA 17 Stepper	VB-EL-01-SM1	OMC SteppersOnline	17HS19-2004S	2
	NAME 17 Linear Stepper TR8x8 290mm (with nut)	VB-EL-01-LSM1	Aliexpress	42HS40-1004YAL	2
	Full RAMPs 1.4 + LCD Kit	VB-EL-01-RK1	Aliexpress		1
	Endstop Microswitch	VB-EL-01-ESS1	Aliexpress		2
	12V PSU 16.7A	VB-EL-01-PSU1	Aliexpress	S-201-12	1
	250V 10A 3pin IEC320 C14 Inlet w/ fuse and switch	VB-EL-01-ISW1	Amazon	C14	1
	Silicone Heater 110V 250W	VB-EL-01-BH1	Omega	SRFG-505/10-P	1
	110V SSR - Omron	VB-EL-01-SSR1	Mouser	653-G3A-210B-DC5	1
	Bed Thermistor - M3 Hex Stud - EPOCS	VB-EL-01-TB1	eBay		1
	Bed Harness Connector - Molex	VB-EL-01-BHC1	Mouser	538-76650-0065 (2 pack)	1
	4pin Male to Female Jumper Wire Dupont (30CM)	VB-EL-01-SWE1	eBay		4
	RAMPs Fan Expansion board	VB-EL-01-RFX1	eBay		1
	2 pin Dupont Connector	VB-EL-01-DC3	eBay		21
	4 pin Dupont Connector	VB-EL-01-DC4	eBay		8
	Header Pins (Long)	VB-EL-01-HP4	eBay		2
	Dupont Female Pin	VB-EL-01-DPF1	eBay		74
	80x80x25 case fan 12V	VB-EL-01-F801	Aliexpress		1
	40x40x20 blower fan 12V	VB-EL-01-F302	Aliexpress		1
	Inductive Proximity Sensor	VB-EL-01-IPS1	eBay	LJ18A3-8-Z/BX	1
	3 pin Dupont connector	VB-EL-01-DC3	eBay		2
	Optoisolator Board	VB-EL-01-OIB1	SparkFun	BOB-09118	1
	LED Strip	VB-EL-01-LED1	Aliexpress		1
Extruder	E3D Chimera Kit	VB-EX-01-CEK1	Filastruder		1
	NEMA 17 Stepper	VB-EL-01-LSM1	OMC SteppersOnline	17HS19-2004S	2
	VORON Flex Extruder Hardware Kit	VB-FX-HW-KIT1	MZBot	(see BOM for parts)	2
Bed	Aluminum Tooling Plate MIC-6 9x9x0.25 in	VE-B-AL-9	BuyMetal	PTJ.25.CUSTOM	1
	PEI Sheet 12x12X0.04"	VE-B-PEI-12	McMaster	8685K41	1
	3M 468MP Adhesive 12x12	VE-B-3M468-12	Amazon	12X12-6-468MP (Pack of 6)	1
Hardware	M5 Cap Socket Screw 10mm	VB-HW-CSS-M5-10	McMaster	91239A224	36
	M5 Cap Socket Screw 30mm	VB-HW-CSS-M5-30	McMaster	91239A236	6
	M3 Hex Socket Screw 20mm	VB-HW-HSS-M3-20	McMaster	91290A123	9
	M3 Hex Socket Screw 30mm	VB-HW-HSS-M3-30	McMaster	91290A130	5
	M3 Hex Socket Screw 45mm	VB-HW-HSS-M3-45	McMaster	91290A079	2
	M3 Hex Socket Screw 16mm	VB-HW-HSS-M3-16	McMaster	91290A120	15
	M3 Hex Socket Screw 8mm	VB-HW-HSS-M3-8	McMaster	91290A113	27
	M4 Cap Socket Screw 6mm	VB-HW-HSS-M4-6	McMaster	91239A138	3
	M3 Hex Nut	VB-HW-HN-M3	McMaster	98676A100	14
	M3 Hex Lock Nut	VB-HW-HLN-M3	McMaster	90576A102	4
	M5 Hex Nut	VB-HW-HN-M5	McMaster	98676A300	2
	M5 Washer Steel	VB-HW-WST-M5	McMaster	98269A440	2
	M3 Washer Silicone	VB-HW-WSI-M5	McMaster	91367A901	16
	M3 Washer Steel	VB-HW-WST-M3	McMaster	98269A420	4
	Plastics screw No. 1 7/16"	VB-HW-PS-1	McMaster	92470A056	4
	Spring 1" L 0.408" OD	VB-HW-SPB-1	McMaster	9657K311	4
	M3 Pressfit Threaded Insert	VB-HW-PFTI-M3	McMaster	94510A030	10
	T Slot Nuts - M5	VB-FR-01-TSN1	Misumi	HNKK5-5	36
	Torx tapping screws	VB-FR-01-TTS1	Misumi	HTJ5	24

Last Revision: 4/2/16