

## Gecko G540 CNC Controller B.O.M

Quantity	Part	Digikey Source	Digikey Price	Amazon Option
1	ATMEGA328P-PU	<a href="#">ATMEGA328P-PU-ND</a>	\$2.14	<a href="#">ATMEGA328P</a>
1	FT232RL-REEL	<a href="#">768-1007-1-ND</a>	\$4.50	
1	LM358AN	<a href="#">LM358ANFS-ND</a>	\$0.50	<a href="#">LM358AN</a>
1	IRFD9014PBF	<a href="#">IRFD9014PBF-ND</a>	\$1.02	<a href="#">IRFD9014PBF</a>
1	USB-B1HSB6	<a href="#">ED2983-ND</a>	\$0.58	<a href="#">USB-B</a>
1	XG4A-2632	<a href="#">OR1094-ND</a>	\$1.70	<a href="#">XG4A-2632</a>
1	30306-6002HB	<a href="#">3M15451-ND</a>	\$0.64	<a href="#">IDC-Header</a>
1	OSTYK55102030	<a href="#">ED2926-ND</a>	\$1.34	
4	OSTYK22102030	<a href="#">ED2958-ND</a>	\$1.05	<a href="#">Barrier-Block</a>
1	1825057-3	<a href="#">450-1364-ND</a>	\$0.88	<a href="#">Dip-Switch</a>
1	1825910-6	<a href="#">450-1650-ND</a>	\$0.10	<a href="#">1825910-6</a>
1	ATS16A-E	<a href="#">CTX1084-ND</a>	\$0.36	<a href="#">16MHz-Crystal</a>
1	R-78E5.0-1.0	<a href="#">945-2201-ND</a>	\$3.26	<a href="#">R-78E5.0-1.0</a>
1	RHEF050	<a href="#">RHEF050HF-ND</a>	\$0.55	<a href="#">Fuse</a>
2	UKL1H100KDDANA	<a href="#">UKL1H100KDDANA-ND</a>	\$0.50	<a href="#">UKL1H100KDDANA</a>
1	C503B-RCN-CW0Z0AA1	<a href="#">C503B-RCN-CW0Z0AA1-ND</a>	\$0.15	<a href="#">Red-Led</a>
1	C503B-GAN-CB0F0791	<a href="#">C503B-GAN-CB0F0791-ND</a>	\$0.24	<a href="#">Green-Led</a>
1	C503B-AAN-CY0B0251	<a href="#">C503B-AAN-CY0B0251-ND</a>	\$0.15	<a href="#">Amber-Led</a>
3	CF14JT220R	<a href="#">CF14JT220RCT-ND</a>	\$0.10	<a href="#">CF14JT220R</a>
3	CF14JT10K0	<a href="#">CF14JT10K0CT-ND</a>	\$0.10	<a href="#">CF14JT10K0</a>
2	CF14JT1K00	<a href="#">CF14JT1K00CT-ND</a>	\$0.10	<a href="#">CF14JT1K00</a>
14	C320C104K5R5TA	<a href="#">399-4264-ND</a>	\$0.22	<a href="#">C320C104K5R5TA</a>
2	C315C220K5G5TA	<a href="#">399-9723-ND</a>	\$0.37	<a href="#">22pF-Cap</a>
1	1N4148	<a href="#">1N4148FS-ND</a>	\$0.10	<a href="#">1N4148</a>
1	1N4004-T	<a href="#">1N4004DICT-ND</a>	\$0.14	<a href="#">1N4004-T</a>
1	199D475X9016B1V1E3	718-1220-ND	\$1.04	<a href="#">199D475X9016B1V1E3</a>
Quantity	Part	Source		
1	Blank PCB	<a href="#">509Maker.com</a>		