

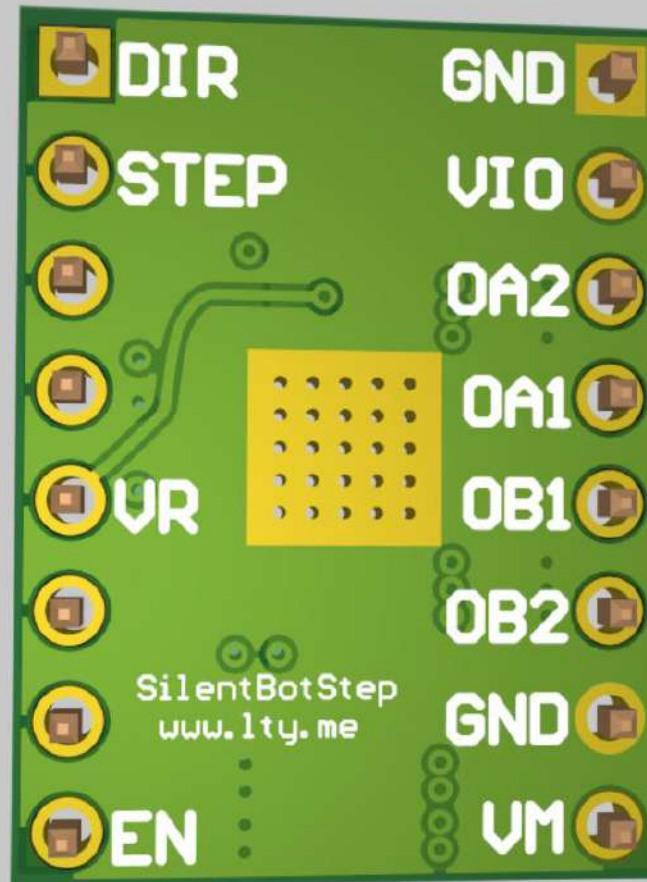


SCH

PCB

3D

BOM



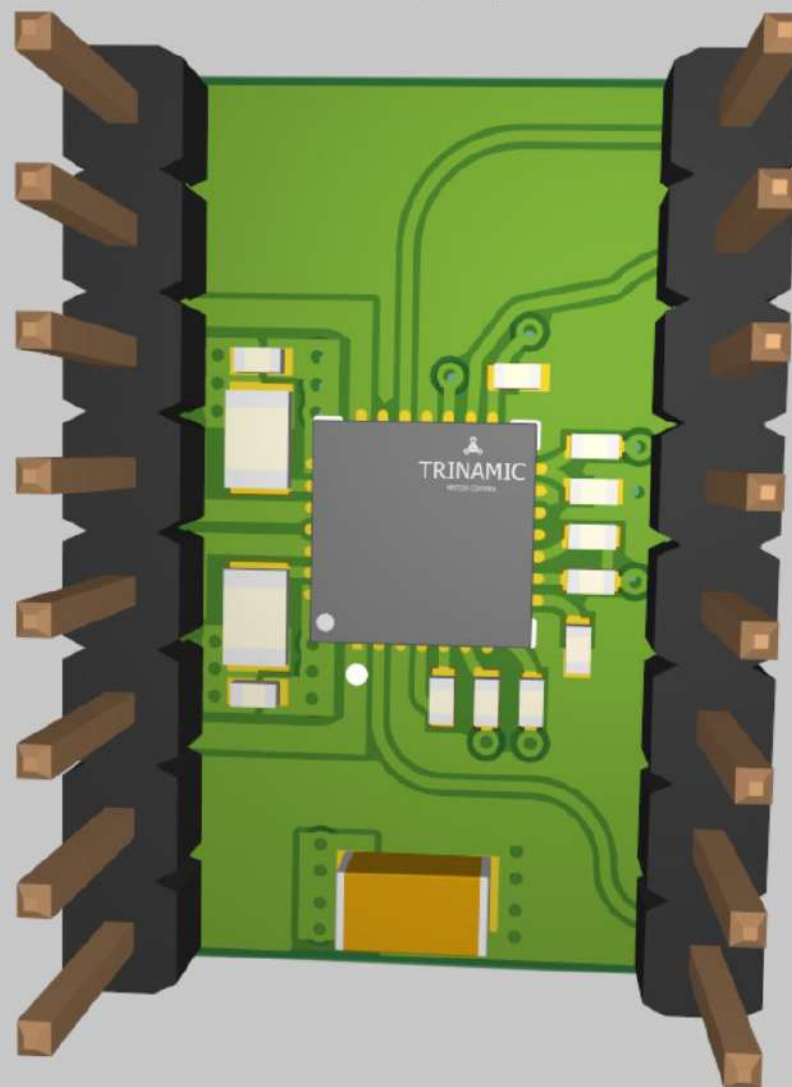


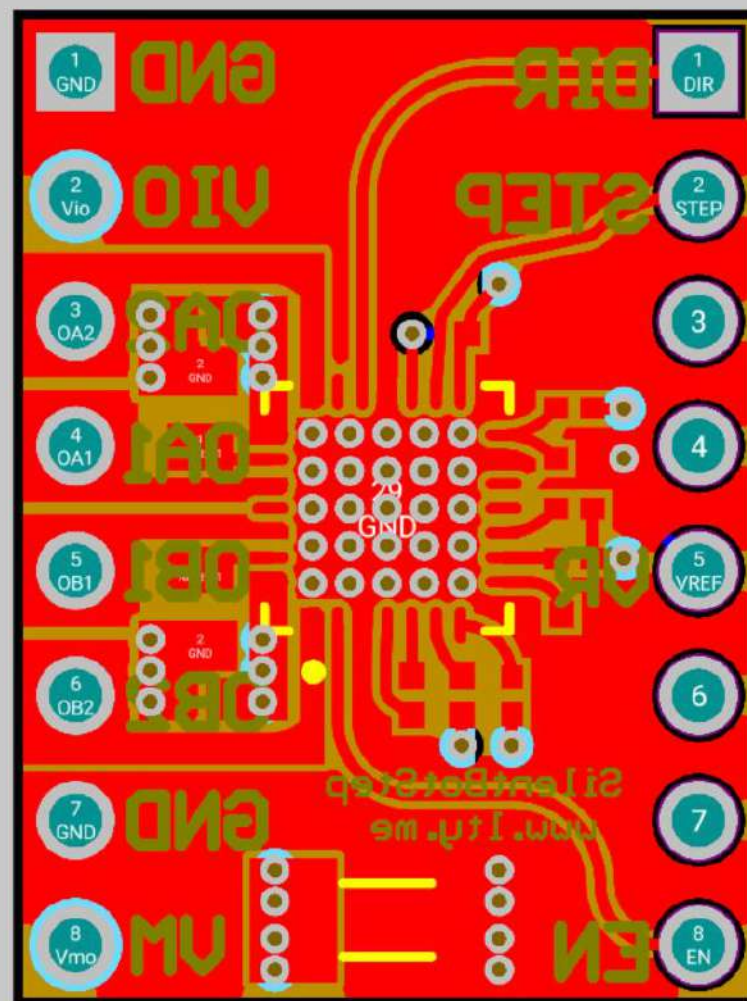
SCH

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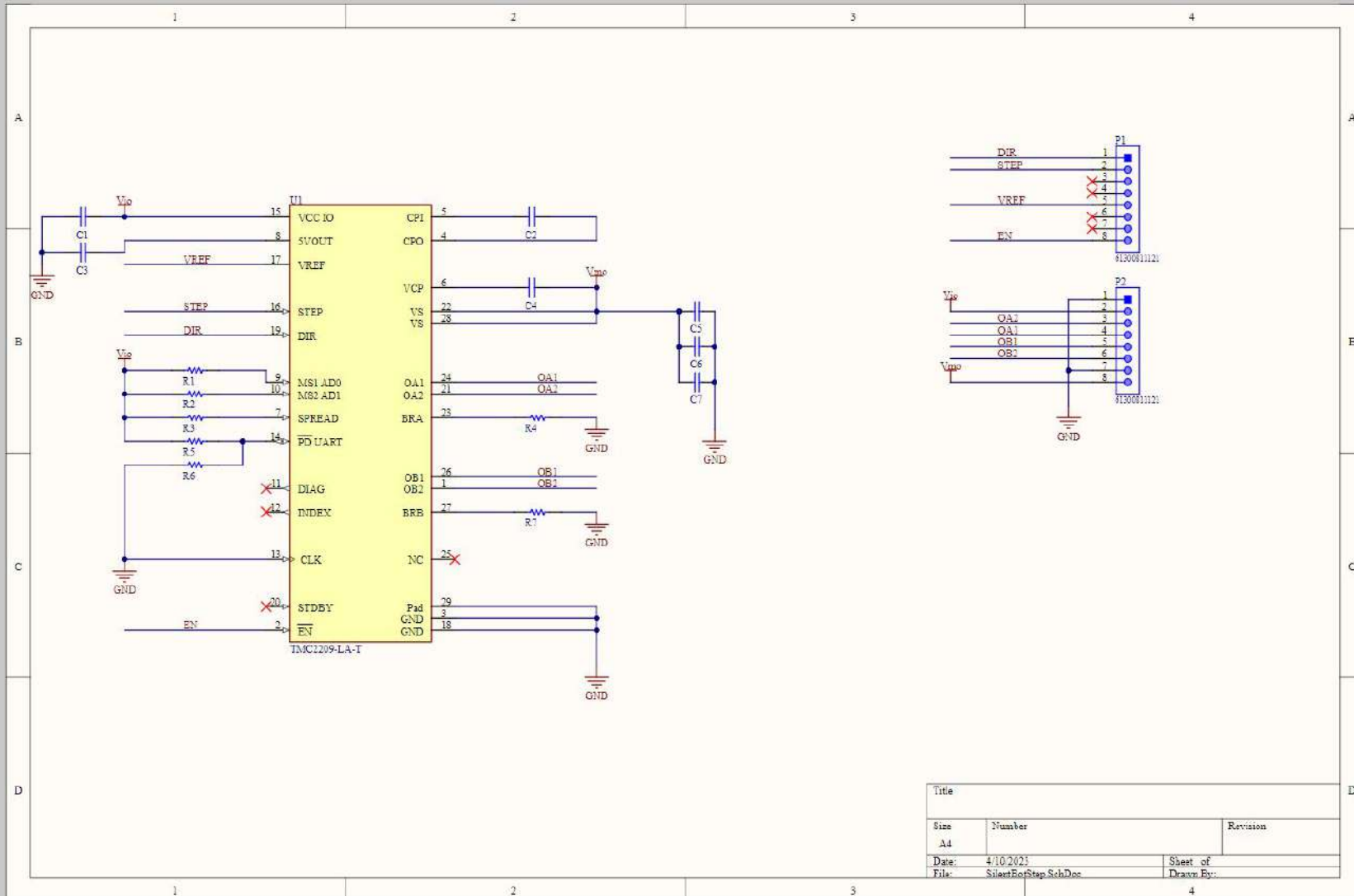


SCH

PCB

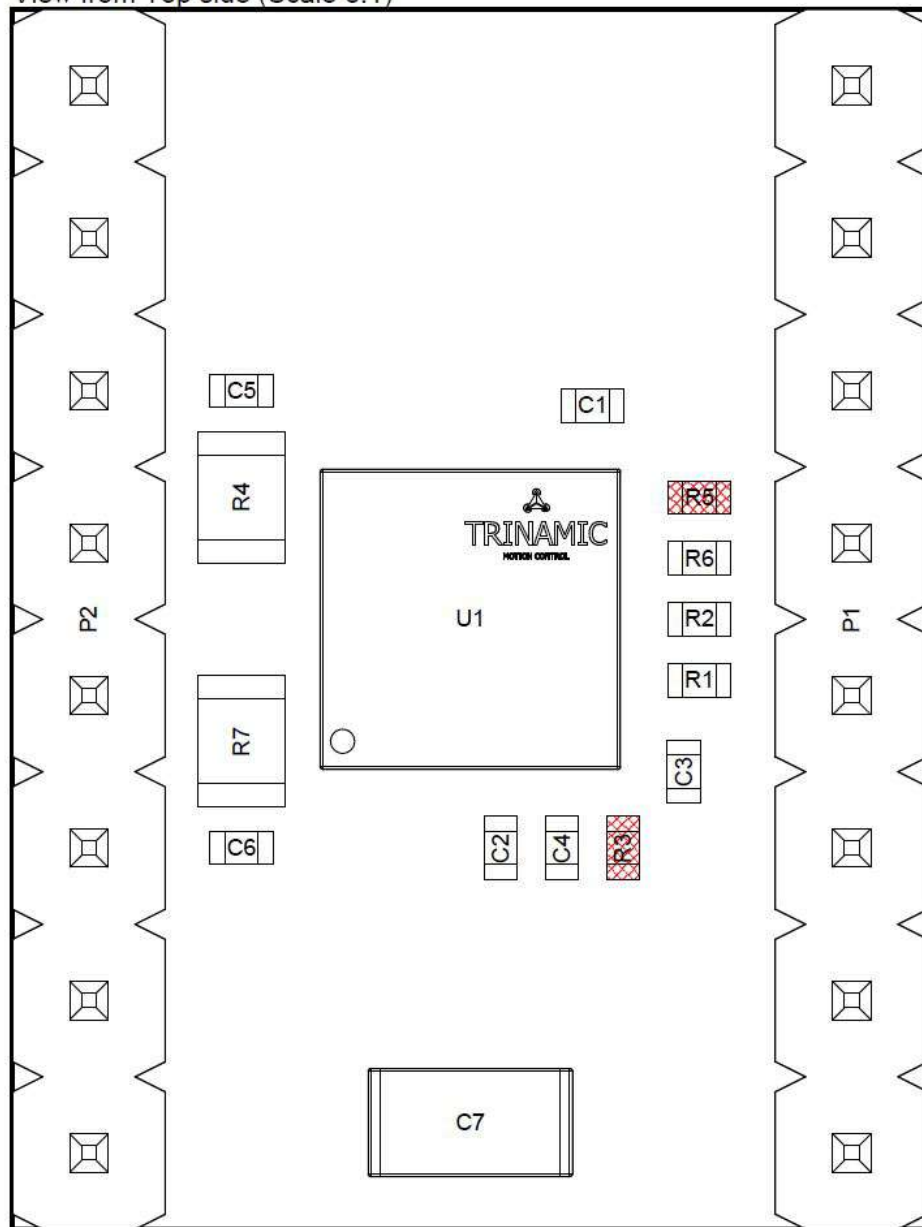
3D

BOM



Title		
Size	Number	Revision
A4		
Date:	4/10/2021	Sheet of
File:	SilentBotStep.SchDoc	Drawn By:

View from Top side (Scale 8:1)



Bill Of Materials

Line #	Designator	Name	Quantity
	C1, C4, C5, C6	GRM155R71H104KE14D	4
	C2	CC0402KRX7R9BB223	1
	C3	GRM155R60J475ME47D	1
	C7	C3216X7R1V106M160AC	1
	P1, P2	61300811121	2
	R1, R2, R6	RC0402JR-070RL	3
	R4, R7	ERJ-U6QFR27V	2
	U1	TMC2209-LA-T	1

SCH

PCB

3D

BOM



Q Search

Nº	Name	Price	Description	Designator	Quantity
8	TMC2209-LA-T	\$2.04	Motor Driver, Stepper, QFN-28	U1	1
7	ERJ-UGQFR27V	\$0.53	RES 0.27 OHM 1% 1/4W 0805	R4, R7	2
5	61300811121	\$0.19	Board-To-Board Connector, Vertical, Wr-Phd Series, Through Hole, Header, 8, 2.54 Mm	P1, P2	2
4	C3216X7R1V106M160AC	\$0.07	CERAMIC CAPACITOR, 10UF, 35V, X7R, 1206, FULL REEL; Product Range:C Series; Capacitance:10 F; Capacitance Tolerance: 20%; Dielectric Characteristic:X7R; Voltage ...	C7	1
3	GRM155R60J475ME47D	\$0.01	CAP CER 4.7UF 6.3V X5R 0402	C3	1
1	GRM155R71H104KE14D	N/A	MURATA - GRM155R71H104KE14D - CAP, MLCC, X7R, 0.1UF, 50V, 0402	C1, C4, C5, C6	4
2	CC0402KRX7R9BB223	N/A	Multilayer Ceramic Capacitors MLCC - SMD/SMT 22K pF 10% 50 Volts	C2	1
6	RC0402JR-070RL	N/A	YAGEO - RC0402JR-070RL - RES, THICK FILM, 0R, 0.0625W, 0402	R1, R2, R3, R5, R6	5