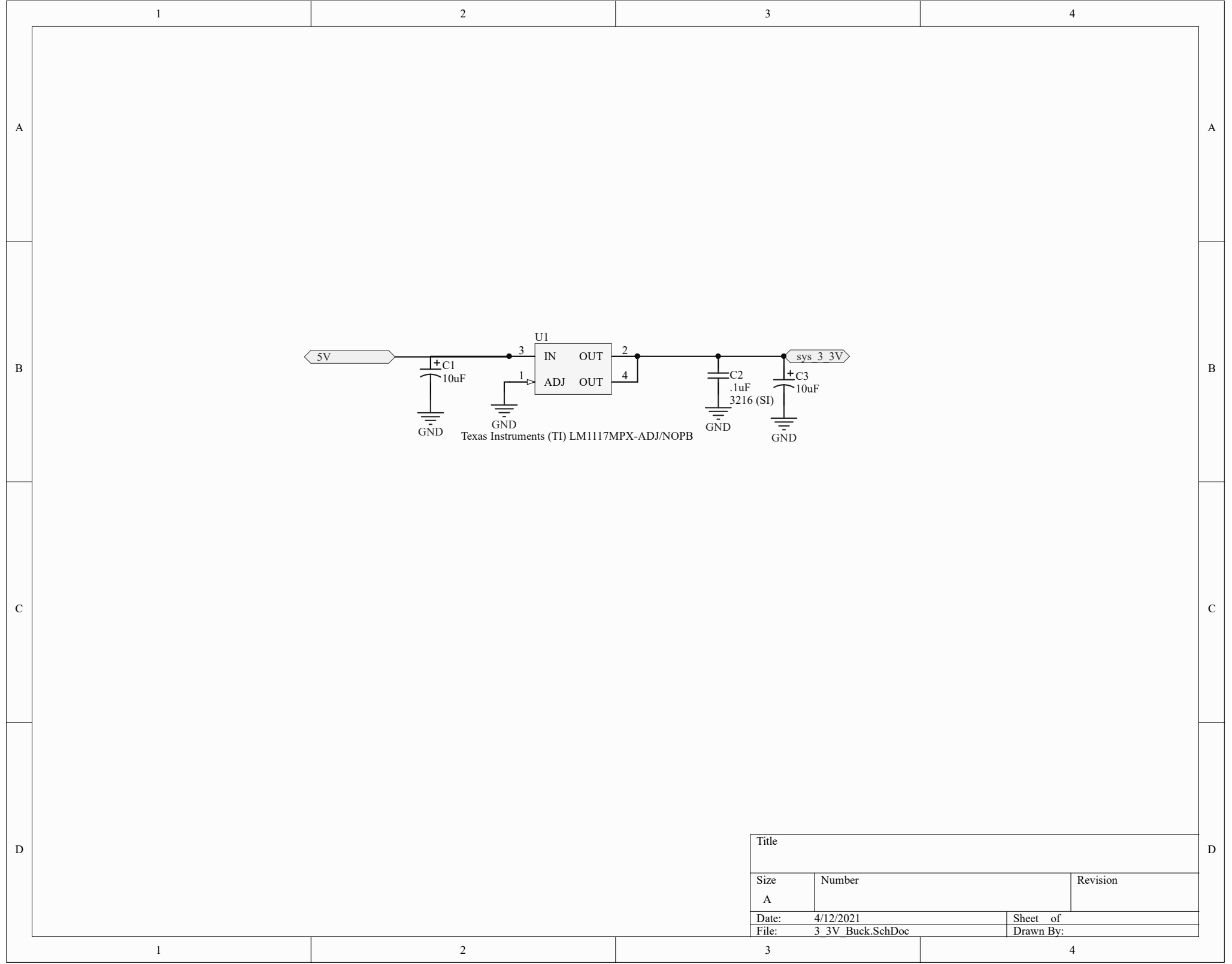
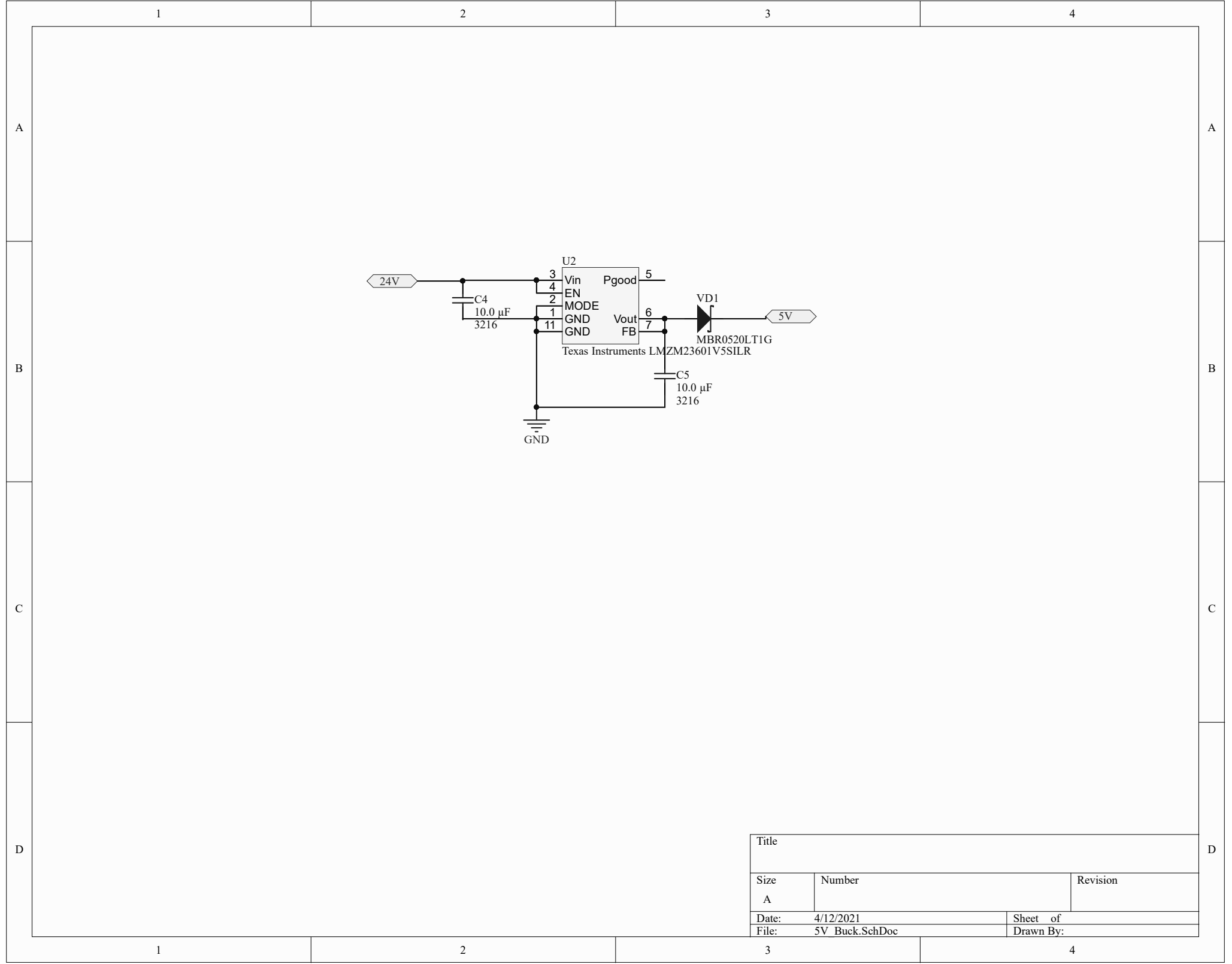
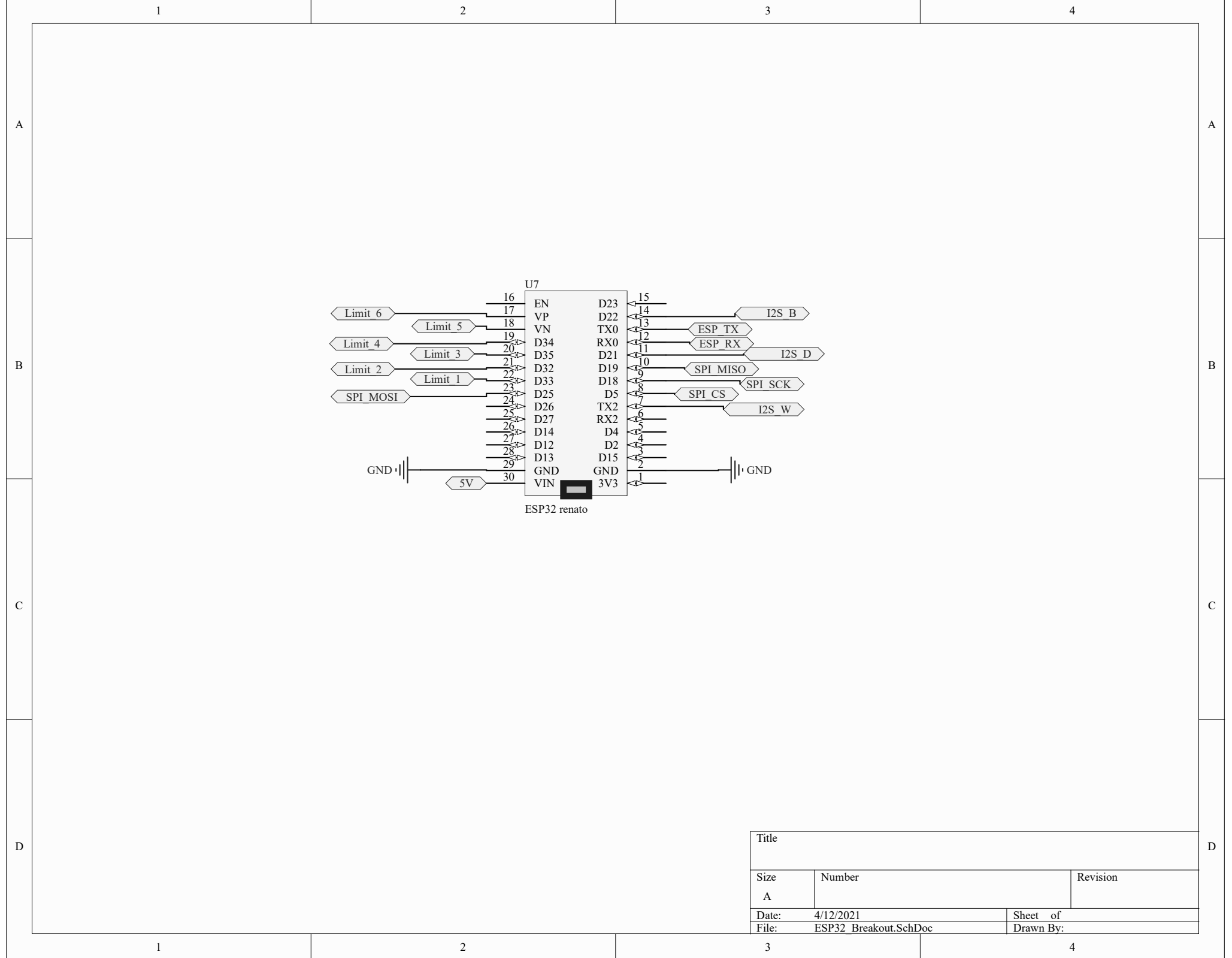
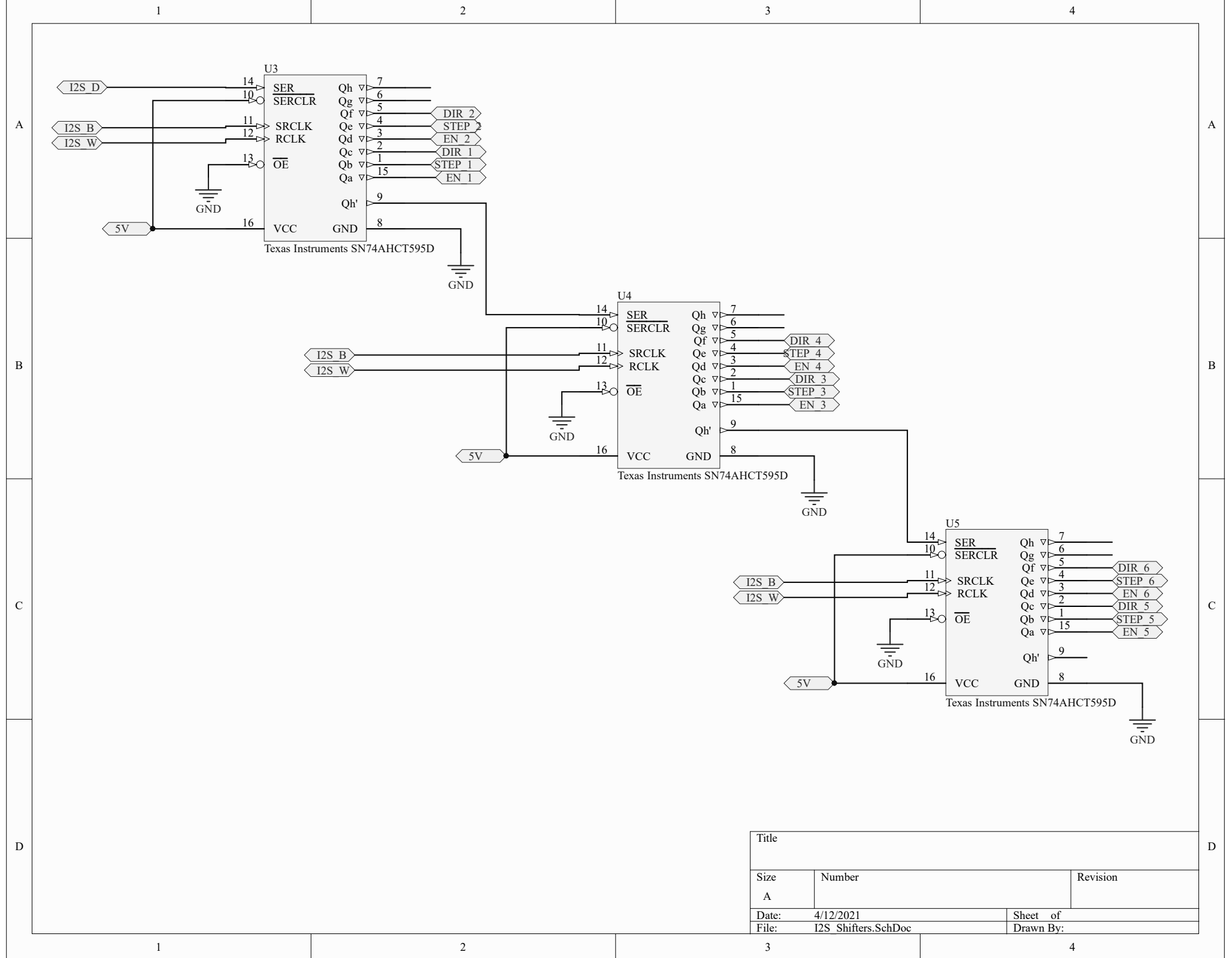


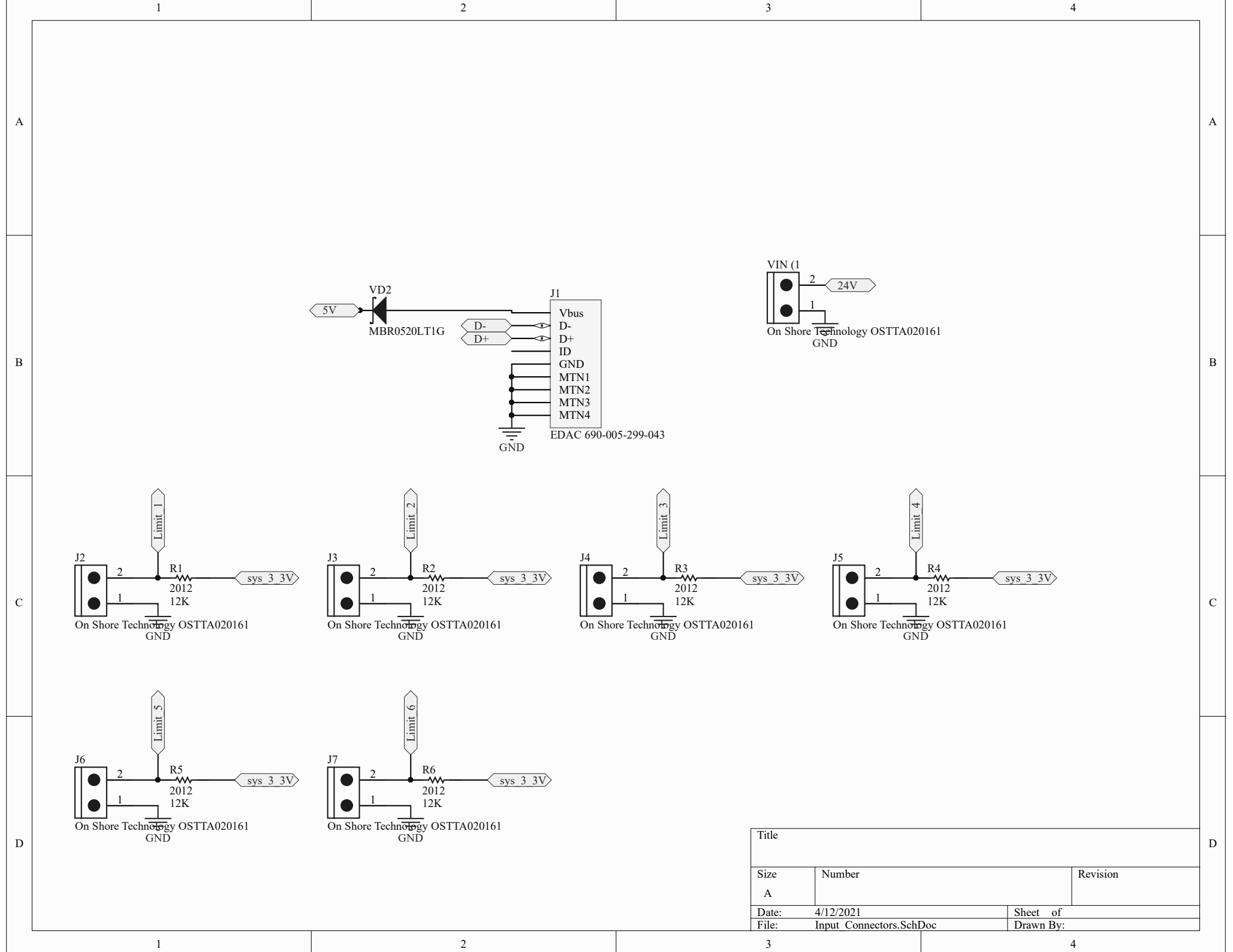
Comment	Description	Designator	Manufacturer Part Number	Quantity
Lite-On LTST-C193TBKT-5A	Blue 1.6 x 0.8 mm (0603) 130 ° Intensity Min 11.2 mcd Typical 15 mcd SMT LED	1, 2, 3	LTST-C193TBKT-5A	3
10uF	Capacitor Tantalum Solid 10uF 25V 10% (5.5 X 9mm) Radial 2.5mm 2.5 Ohm 125C Bulk	C1, C3	TAP106K025SCS	2
.1uF	Cap Ceramic 1uF 25V X7R 20% SMD 1206 125C Plastic T/R	C2, C6, C10		3
Cap	CL31 Series 10 uF 50 V ±10 % Tolerance X5R SMT Multilayer Ceramic Capacitor	C4, C5	CL31A106KBHNNNE	2
1uF	Cap Ceramic 1uF 25V X7R 20% SMD 1206 125C Plastic T/R	C8, C11		2
EDAC 690-005-299-043	Conn Mini Usb Rcpt Ra Type b Smd	J1	690-005-299-043	1
On Shore Technology OSTTA020161	Connector Terminal Blocks 2 Position 5mm Solder Straight Thru-Hole 16A	J2, J3, J4, J5, J6, J7, VIN (1	OSTTA020161	7
Molex 504077-1891	1.28mm Height Push-Pull microSD Card Socket, SMT, 8 circuits, Lead-Free with Detection Switch	J8		1
FCI 54602-908LF	Conn Modular Jack F 8 POS 2.54mm Solder RA Thru-Hole 8 Terminal 1 Port Box Cat 3	J9, J10, J11, J12, J13, J14	54602-908LF	6
Espressif Systems ESP32-WROOM-32	Wi-Fi/BT BLE Module ESP32-D0WDQ6, SPI Flash, UART	M1		1
MBT2222ADW1T1G	General Purpose Transistor, NPN Silicon, 6-Pin SOT-363, Pb-Free, Tape and Reel	Q1	MBT2222ADW1T1G	1
Panasonic ERJ-6GEYJ822V	Thick Film Resistors - SMD 0805 8.2Kohms 5% Tol	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16	ERJ-6GEYJ822V	16
Vishay Dale CRCW120622K1FKEA	RES SMD 22.1K OHM 1% 1/4W 1206	R17	CRCW120622K1FKEA	1
47.5K	Res Thick Film 1206 47.5K Ohm 1% 0.25W(1/4W) ±100ppm/C Pad SMD Automotive T/R	R18	RMCF1206FT47K5	1
Res1	Res Thick Film 0603 4.7K Ohm 1% 0.1W(1/10W) ±100ppm/C Pad SMD Automotive T/R	R19		1
Res1	Res Thick Film 0603 470 Ohm 5% 0.1W(1/10W) ±100ppm/C Pad SMD Automotive T/R	R20		1
Res1	Res Thick Film 1.6 x 0.8 mm 150 Ohm 1% 0.1W(1/10W) 100ppm/ C Molded SMD Paper T/R	R21	RC0603FR-07150RL	1
TE Connectivity FSM4JH	Switch Tactile OFF (ON) Round Button PC Pins 0.05A 12VDC 1.57N Thru-Hole Radial Tape	S1, S2		2
Texas Instruments (TI) LM1117MPX-ADJ/NOPB	LDO Regulator Pos 1.25V to 13.8V 0.8A 4-Pin(3+Tab) SOT-223 T/R	U1	LM1117MPX-ADJ/NOPB	1
Texas Instruments LMZM23601V5SILR	36-V, 1-A Step-Down DC-DC Power Module in 3.8-mm x 3-mm Package 10-uSiP -40 to 125	U2		1
Texas Instruments SN74AHCT595D	Shift Register Single 8-Bit Serial to Serial/Parallel 16-Pin SOIC Tube	U3, U4, U5	SN74AHCT595D	3
CP2102N-A01-GQFN28	Full Speed USB to UART Bridge USB 2.0 3.3V T/R Automotive 28-Pin QFN EP	U6		1
MBR0520LT1G	Rectifier, Schottky Power; Plastic Sod-123; 0.5	VD1, VD2	?SBR80520LT1G	2

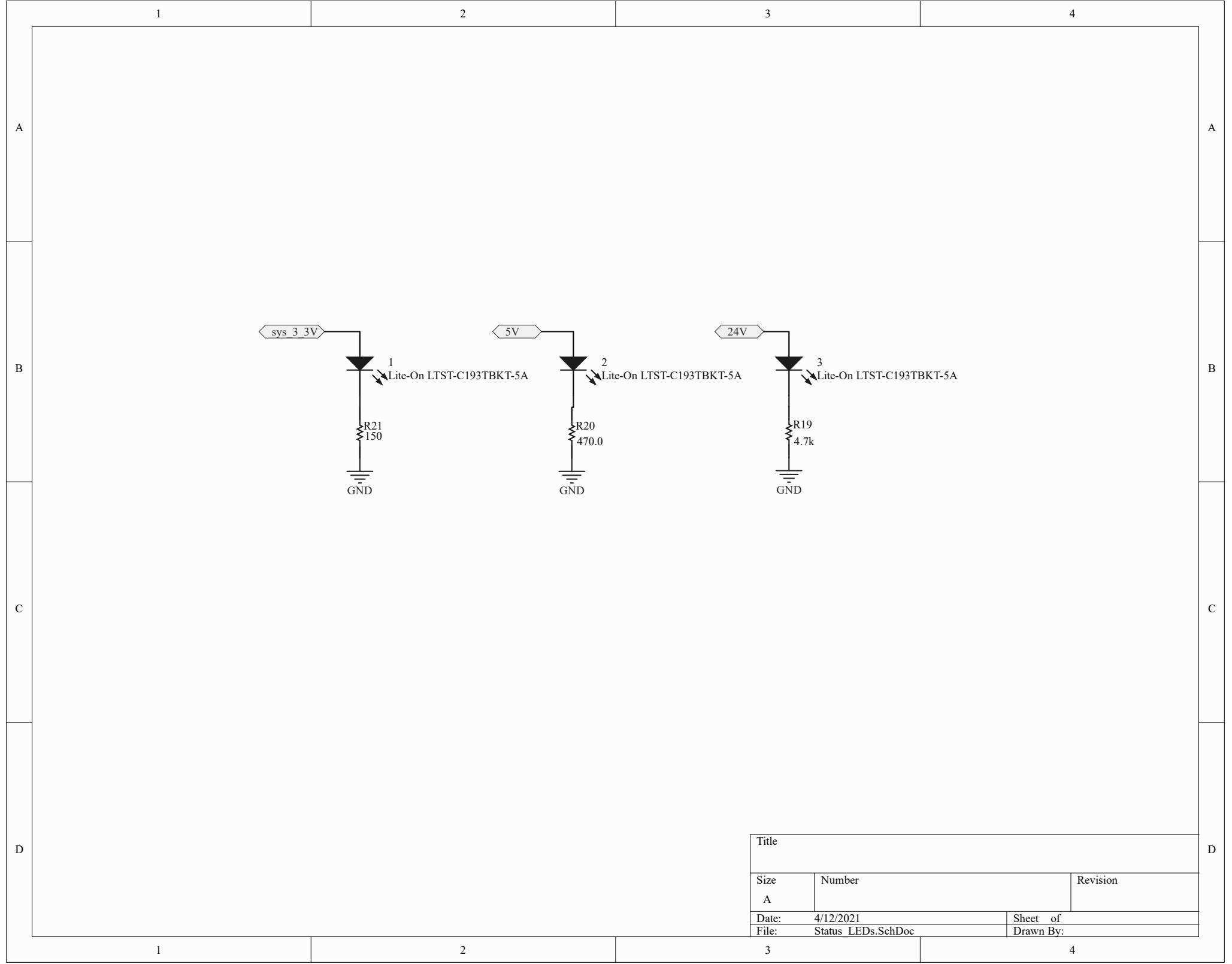


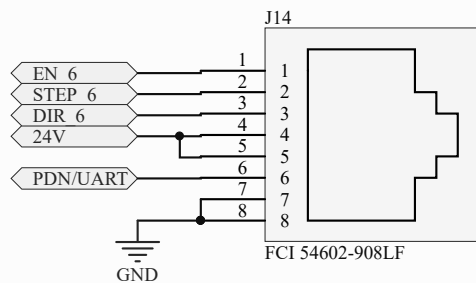
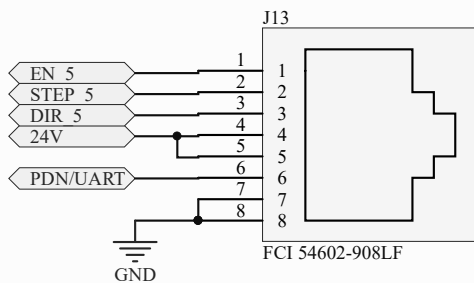
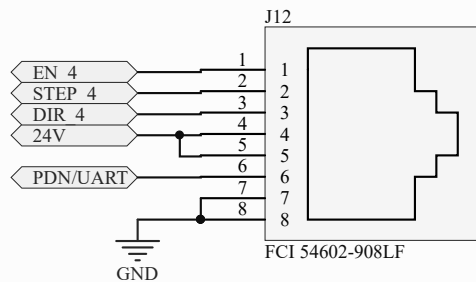
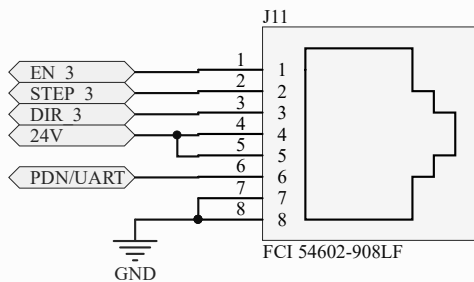
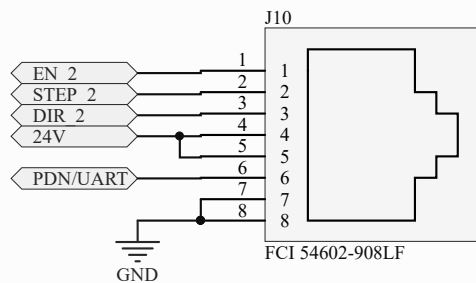
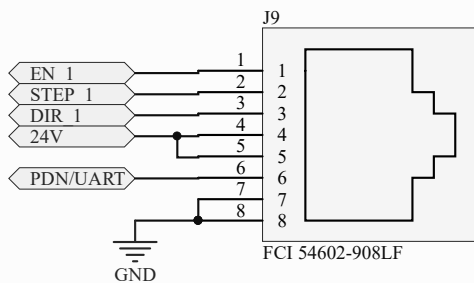




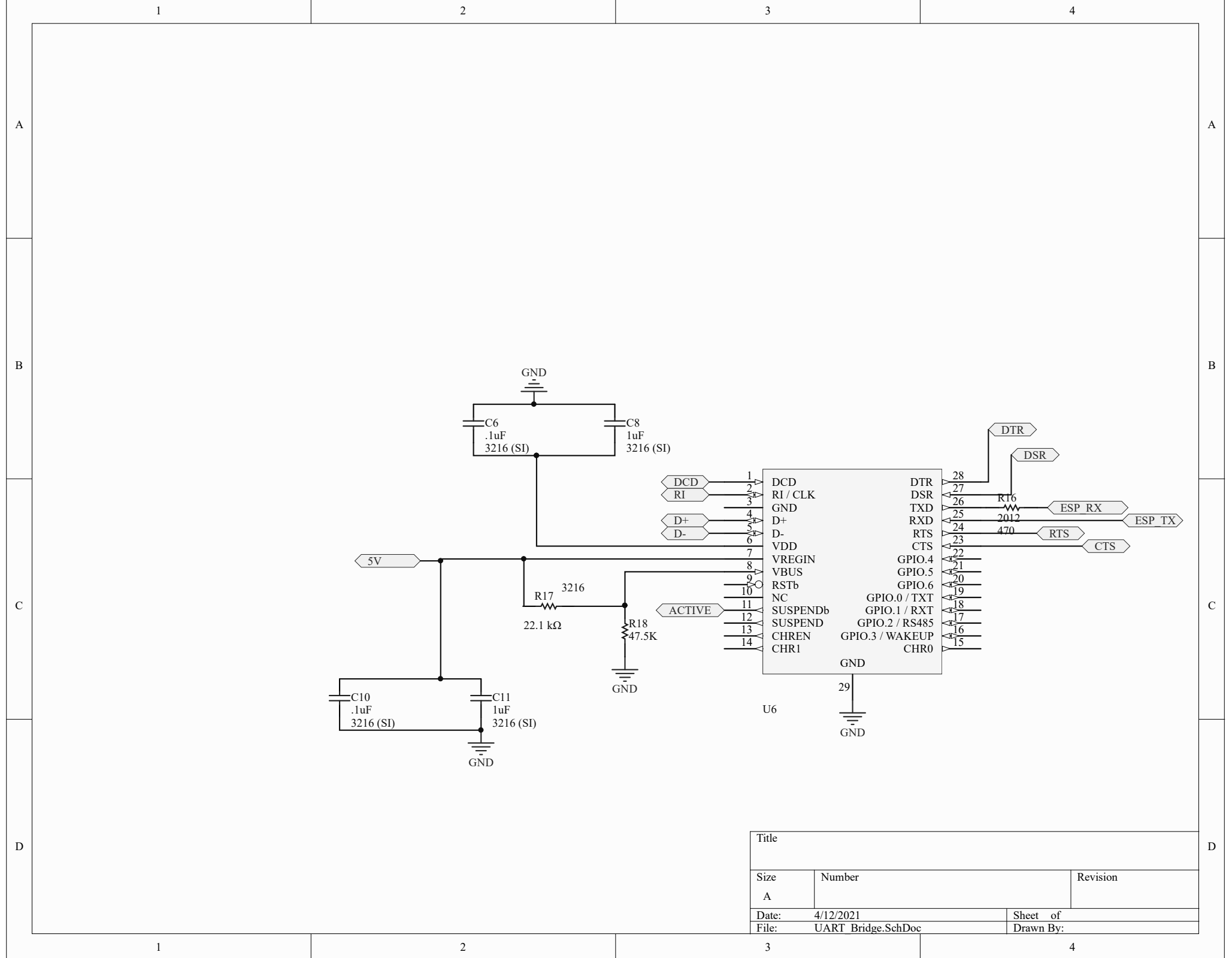








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