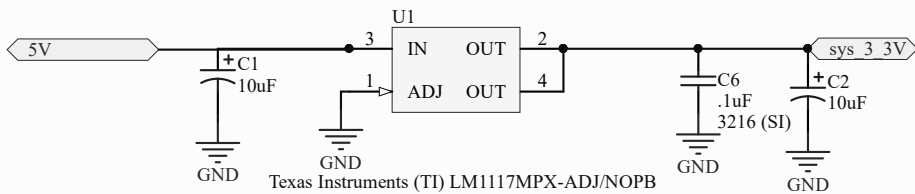
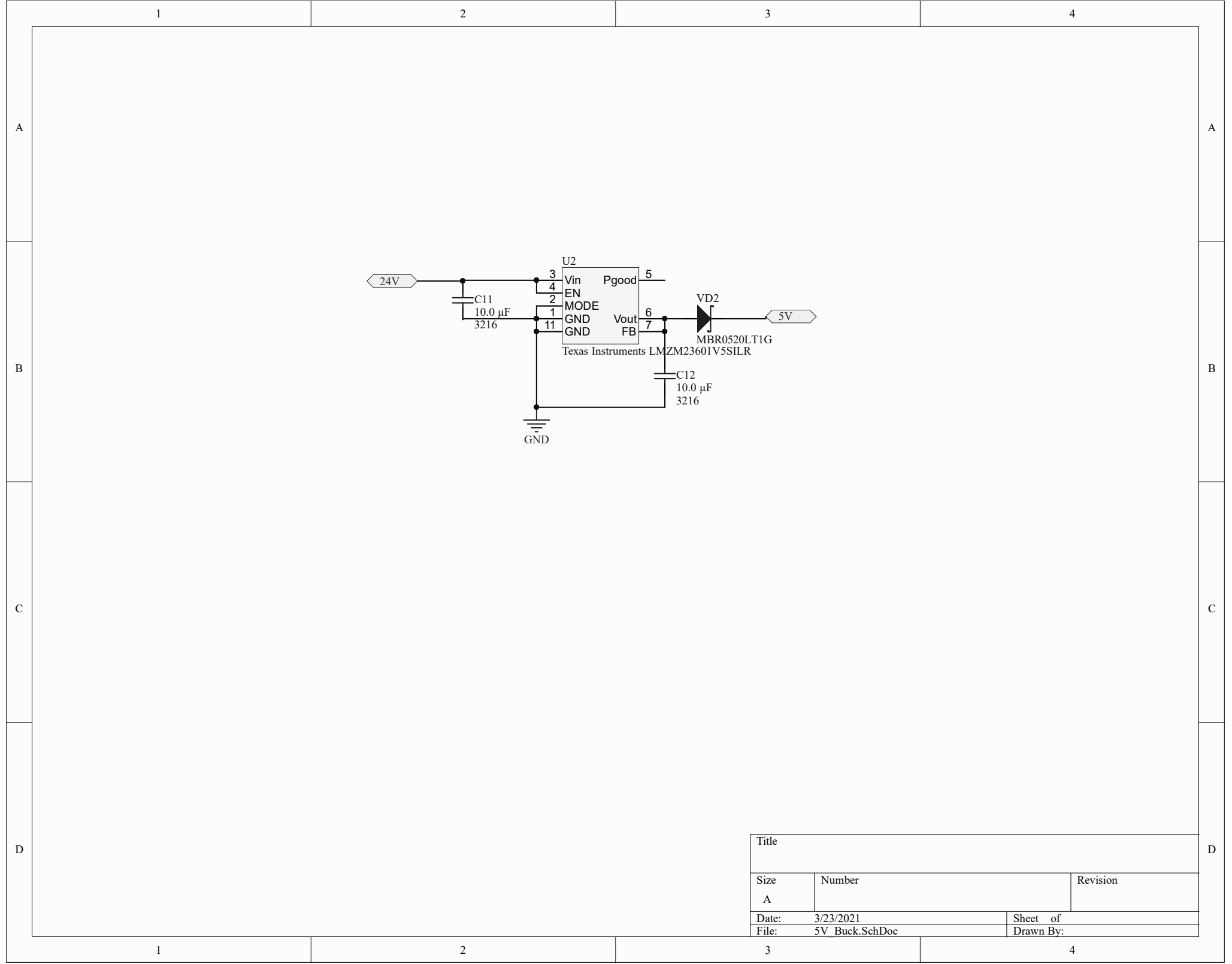
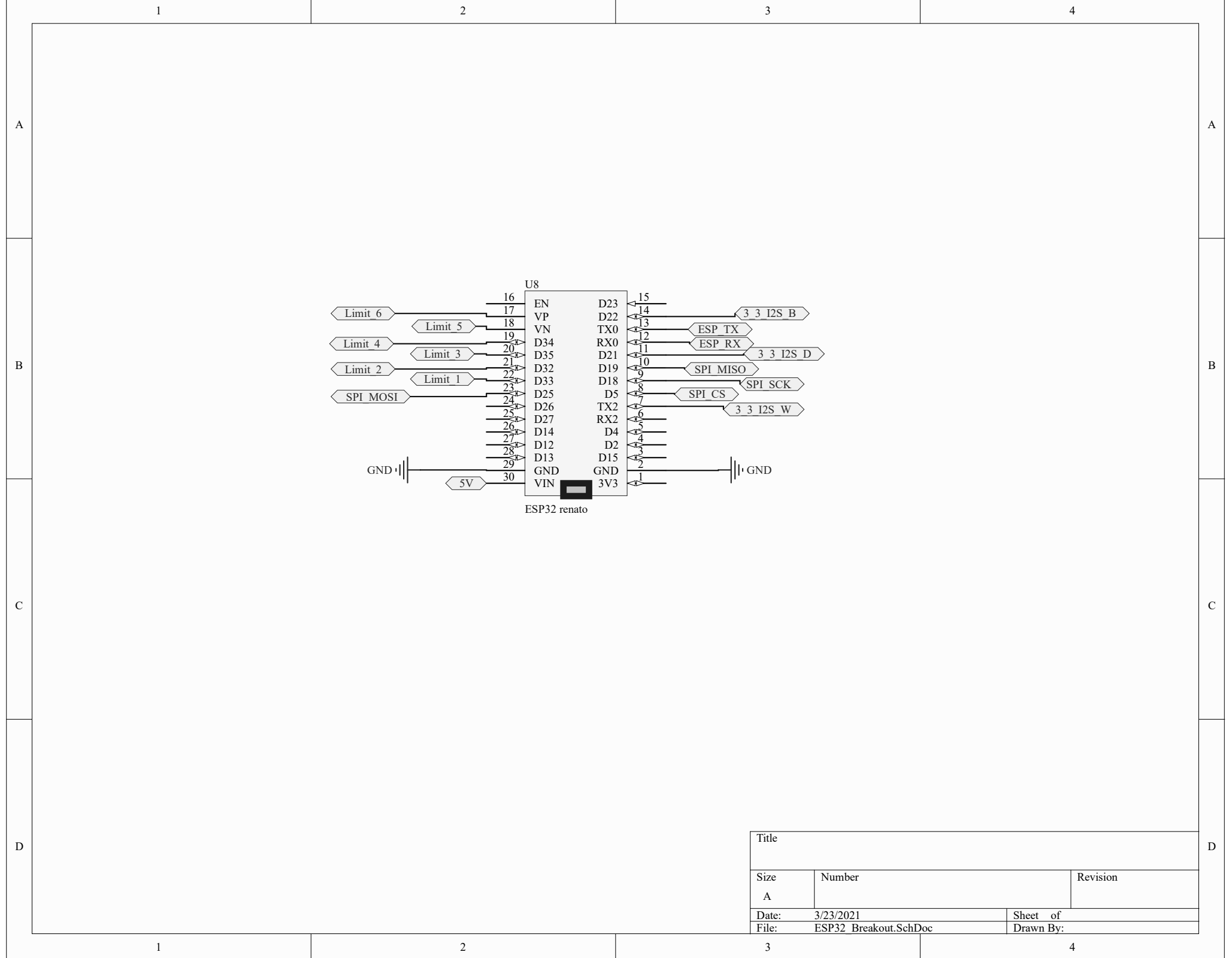


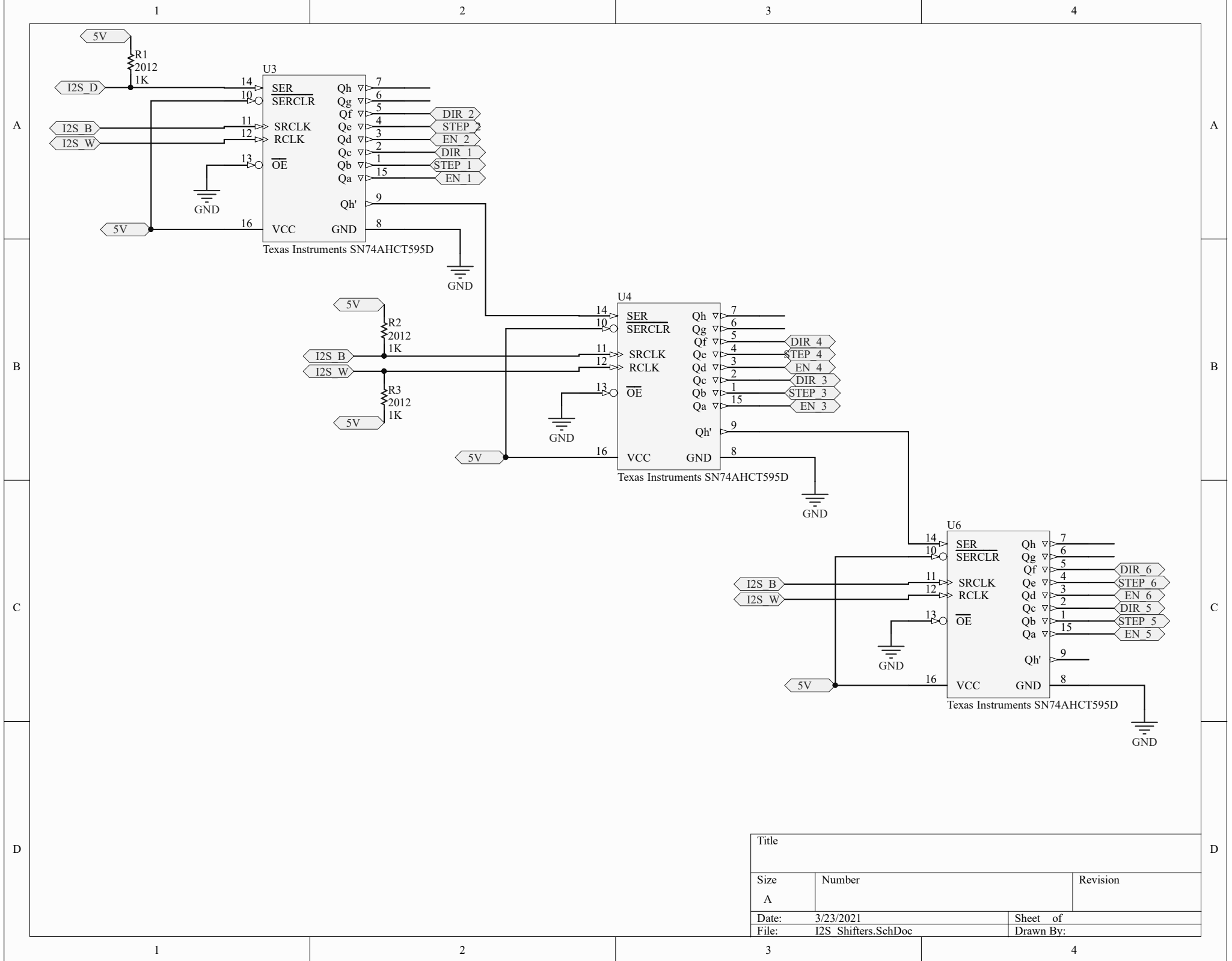
Comment	Description	Designator	Footprint	LibRef	Manufacturer Part Number	Quantity
Lite-On LTST-C193TBKT-5A	Blue 1.6 x 0.8 mm (0603) 130 ° Intensity Min 11.2 mcd Typical 15 mcd SMT LED	3_3V, 5V, 24V	PCB-0603-BoxOverlay	CMP- abba620d38e3747d-7	LTST-C193TBKT-5A	3
10uF	Capacitor Tantalum Solid 10uF 25V 10% (5.5 X 9mm) Radial 2.5mm 2.5 Ohm 125C Bulk	C1, C2, C3	PCB-imxzc0h3ulzopa7zwnih-1	CMP- 6a29a3234e15b5ee-2	TAP106K025SCS	3
.1uF	Cap Ceramic 1uF 25V X7R 20% SMD 1206 125C Plastic T/R	C4, C6	CSMD1206GRID25PADB	CMP-150561-3		2
1uF	Cap Ceramic 1uF 25V X7R 20% SMD 1206 125C Plastic T/R	C5	CSMD1206GRID25PADB	CMP-150561-3		1
Cap	CL31 Series 10 uF 50 V ± 10 % Tolerance X5R SMT Multilayer Ceramic Capacitor	C11, C12	High Density	CMP- bac072e4006c6507-6	CL31A106KBHNNNE	2
EDAC 690-005-299-043	Conn Mini Usb Rcpt Ra Type b Smd	J	PCB-0dqtvzwtjwndkeioqta0-1	CMP- f10139da97e32ec6-8	690-005-299-043	1
FCI 54602-908LF	Conn Modular Jack F 8 POS 2.54mm Solder RA Thru-Hole 8 Terminal 1 Port Box Cat 3	J1, J2, J3, J4, J5, J6	PCB-kyusfhn5h9rxu8er00w0-1	CMP- 1a15d1442034c5d2-8	54602-908LF	6
On Shore Technology OSTTA020161	Connector Terminal Blocks 2 Position 5mm Solder Straight Thru-Hole 16A	J7, J8, J9, J10, J11, J12, VIN (12 - 24V)	PCBComponent_1 - duplicate	CMP- 2d54e45ab247f293-4	OSTTA020161	7
Molex 504077-1891	1.28mm Height Push-Pull microSD Card Socket, SMT, 8 circuits, Lead-Free with Detection Switch	J13	PCB-umh811xzdioI9qt9ykh2-1	CMP- 208fe8f2b028ff48-4		1
Espressif Systems ESP32-WROOM-32	Wi-Fi/BT BLE Module ESP32-D0WDQ6, SPI Flash, UART	M1	PCB-2wsaxr5oyyiks99lfuw0-1	CMP- ba1676706f1765d1-4		1
MBT2222ADW1T1G	General Purpose Transistor, NPN Silicon, 6-Pin SOT-363, Pb-Free, Tape and Reel	Q1	ONSC-SOT-363-6-419B-02_V	CMP-854660-2	MBT2222ADW1T1G	1
Panasonic ERJ-6GEY822V	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, R17, R18, R21	RESC2013X70X40ML20T20	CMP-3687578-2	ERJ-6GEY822V	19
Res1	Res Thick Film 0603 4.7K Ohm 1% 0.1W(1/10W) ±100ppm/C Pad SMD Automotive T/R	R19	PCB-g8ucq7vw1s2sdhfr4zem-1	CMP- 011ec9310faded9-4		1
Res1	Res Thick Film 0603 470 Ohm 5% 0.1W(1/10W) ±100ppm/C Pad SMD Automotive T/R	R20	RESC1609X55X30ML10T20	CMP- 120ade6ce4e1cdcd-1		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	R22	PCB-q471cgnjbrf9ki9faqwr-1	CMP-1853350-10	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	PCB-acd06xmd0wg5ueuxhpd-p-1	CMP- 441d8f7279709bda-7		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	SOT223	CMP-0062-01644-5	LM1117MPX-ADJ/NOPB	1
Texas Instruments LMZM23601V5SILR	36-V, 1-A Step-Down DC-DC Power Module in 3.8-mm × 3-mm Package 10-uSiP -40 to 125	U2	PCB-hwh8xdcdeu6867capd15-1	CMP- a7776b3d5a0878b0-5		1
Texas Instruments SN74AHCT595D	Shift Register Single 8-Bit Serial to Serial/Parallel 16-Pin SOIC Tube	U3, U4, U6	PCB-u51jluiokepfud6e4fih-1	CMP-13610480-8	SN74AHCT595D	3
Silicon Labs CP2102-GM	Microcontroller Solutions - Interface Products USB to UART Bdg Chip	U5	PCB-r2q4wj0b96jlqp92htuq-1	CMP-967561-7	CP2102-GM	1
Texas Instruments SN74LVC3G14DCUT	Inverter Schmitt Trigger 3-Element CMOS 8-Pin VSSOP T/R	U7	PCB-gmbg7w7x059b8vaj1vph-1	CMP- 8f65464c2c6a50a2-3		1
MBR0520LT1G	Rectifier, Schottky Power; Plastic Sod-123; 0.5	VD1, VD2	SOD-123_B	CMP-3786467-1	MBR0520LT1G	2



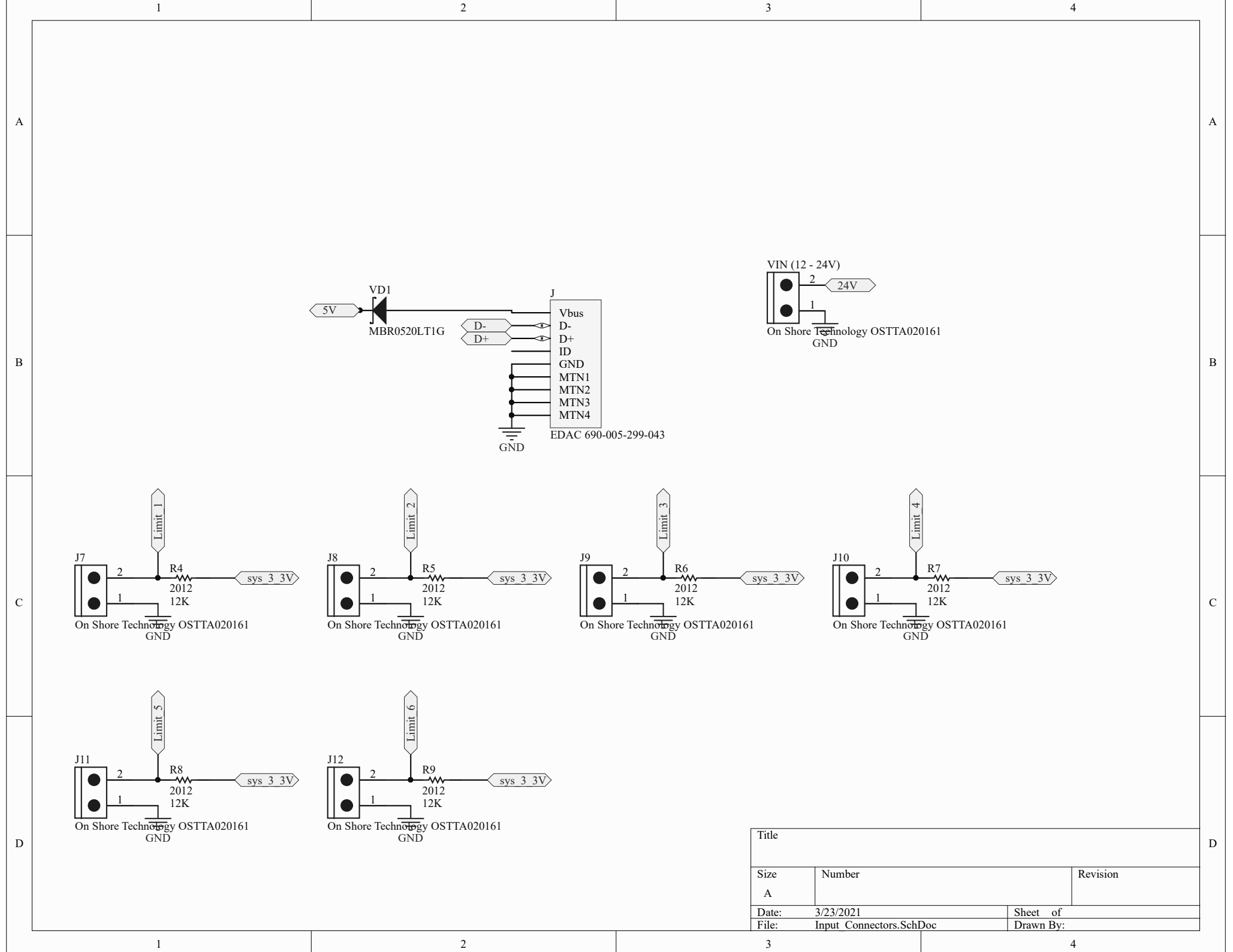
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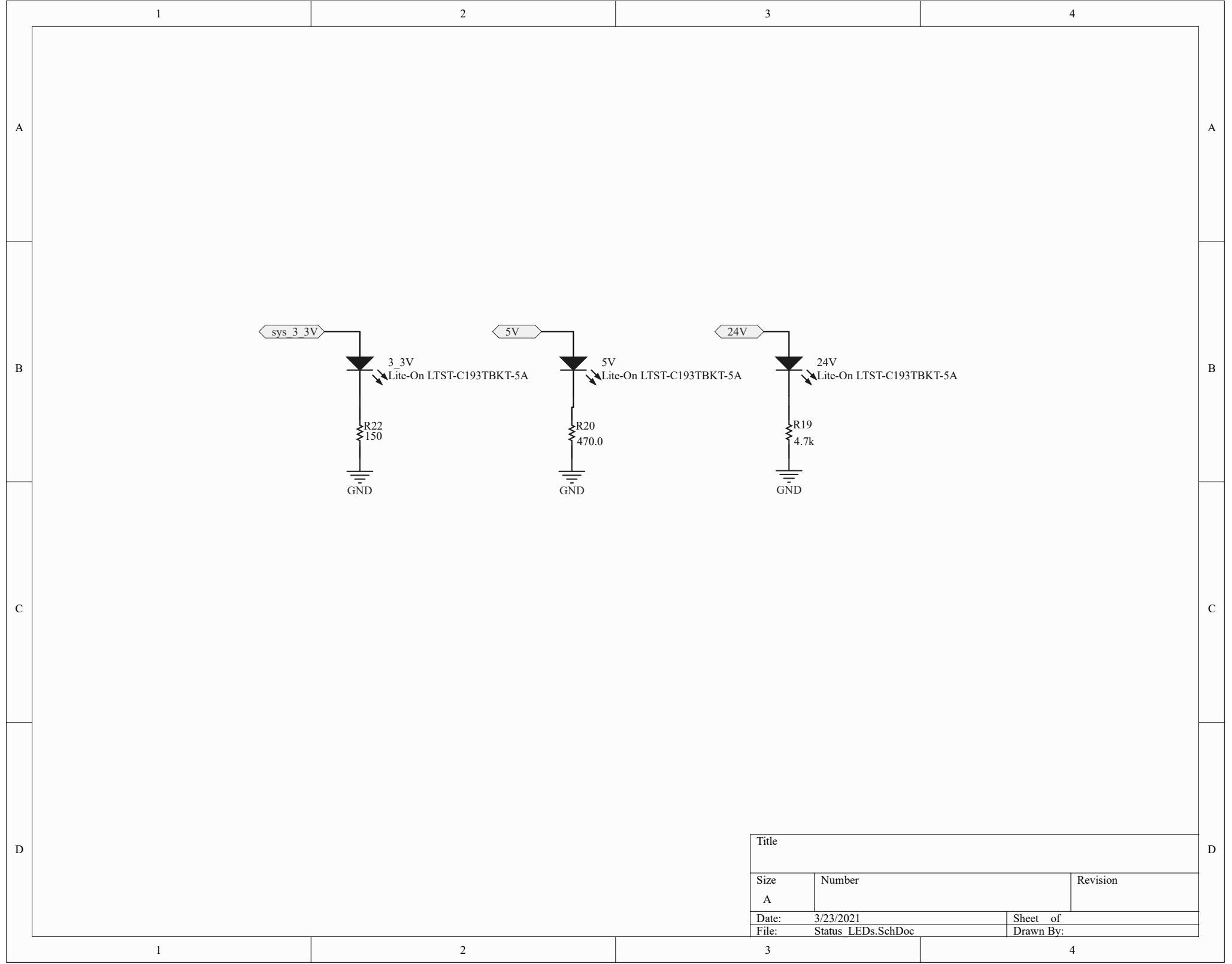




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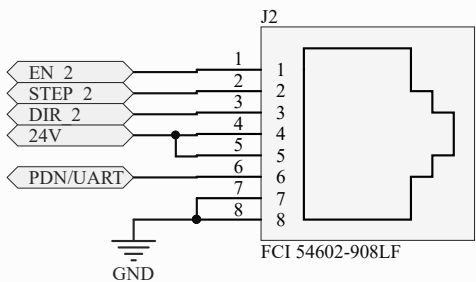
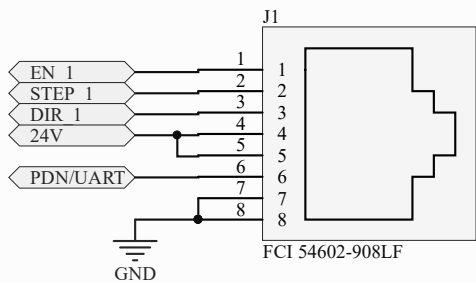






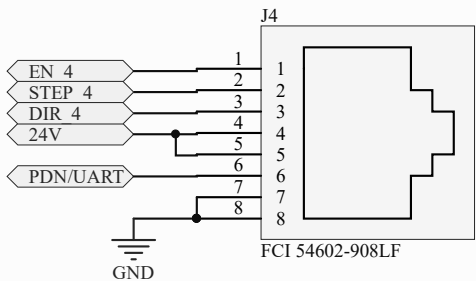
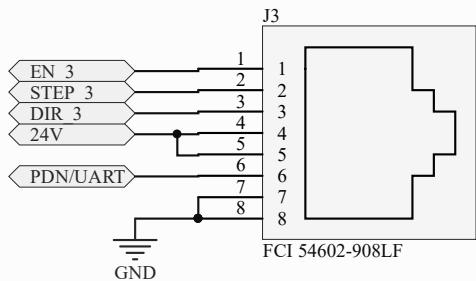
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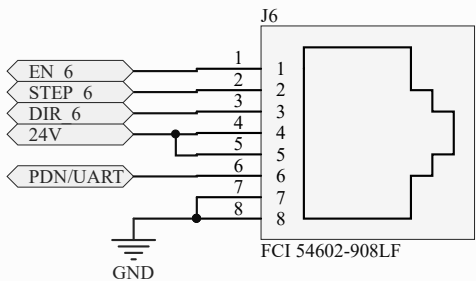
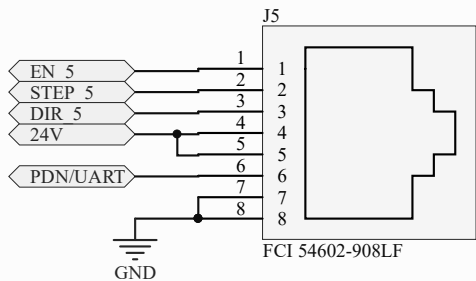
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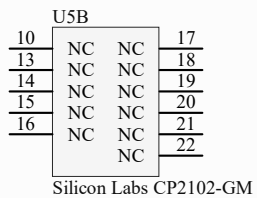
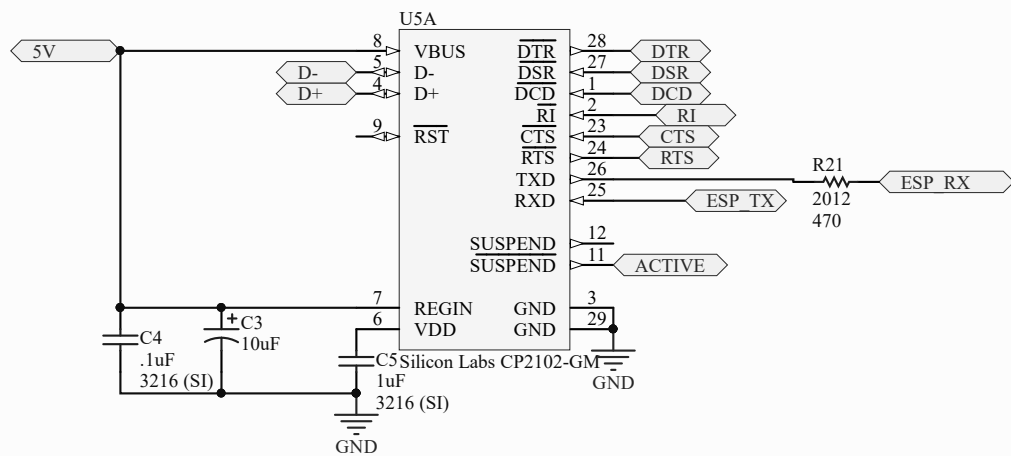
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