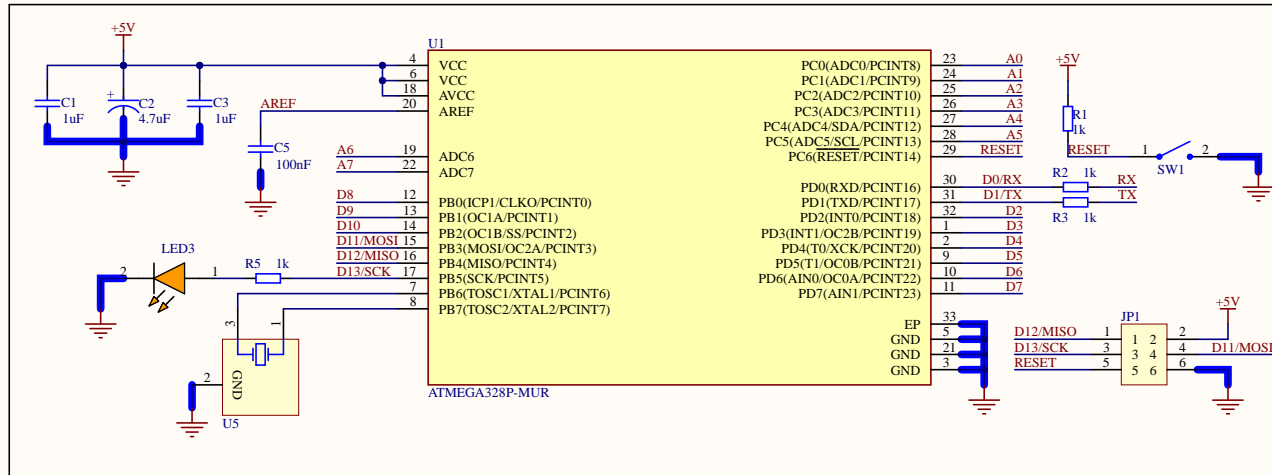


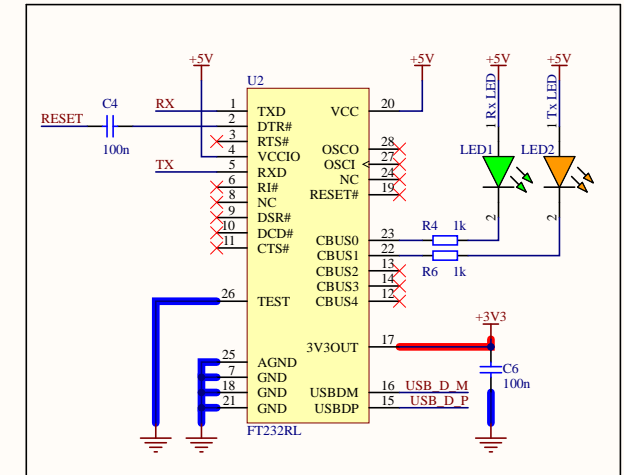
ARDUINO NANO

NOTE : Supply Voltage : 15V to 5V
USB Voltage : 5V

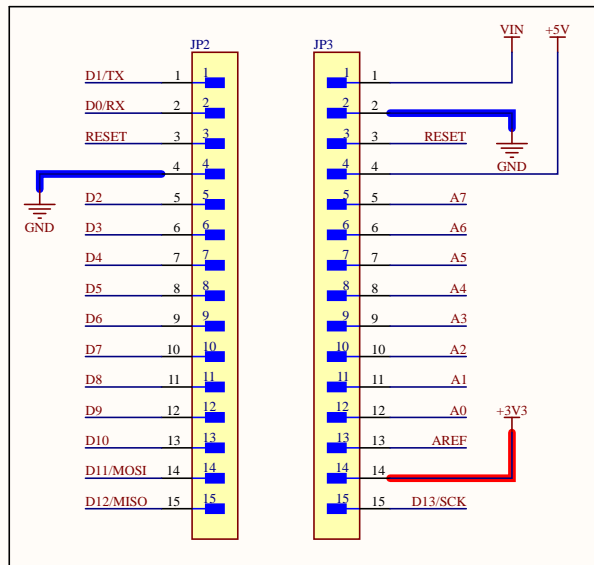
MicroController (ATMEGA328P_MUR)



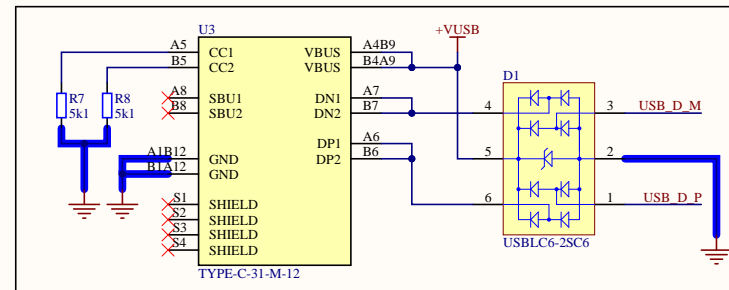
USB to Serial Converter (FT232RL)



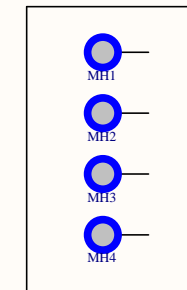
HEADER CONNECTIONS



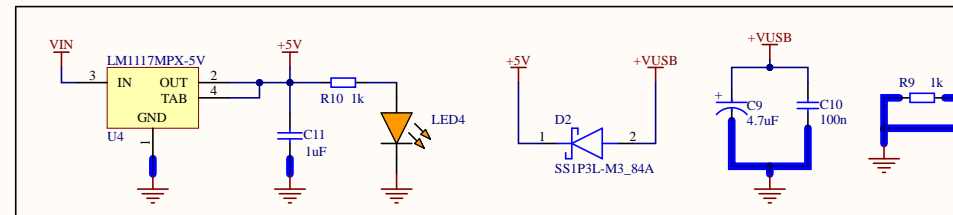
USB TYPE C



Mounting Holes

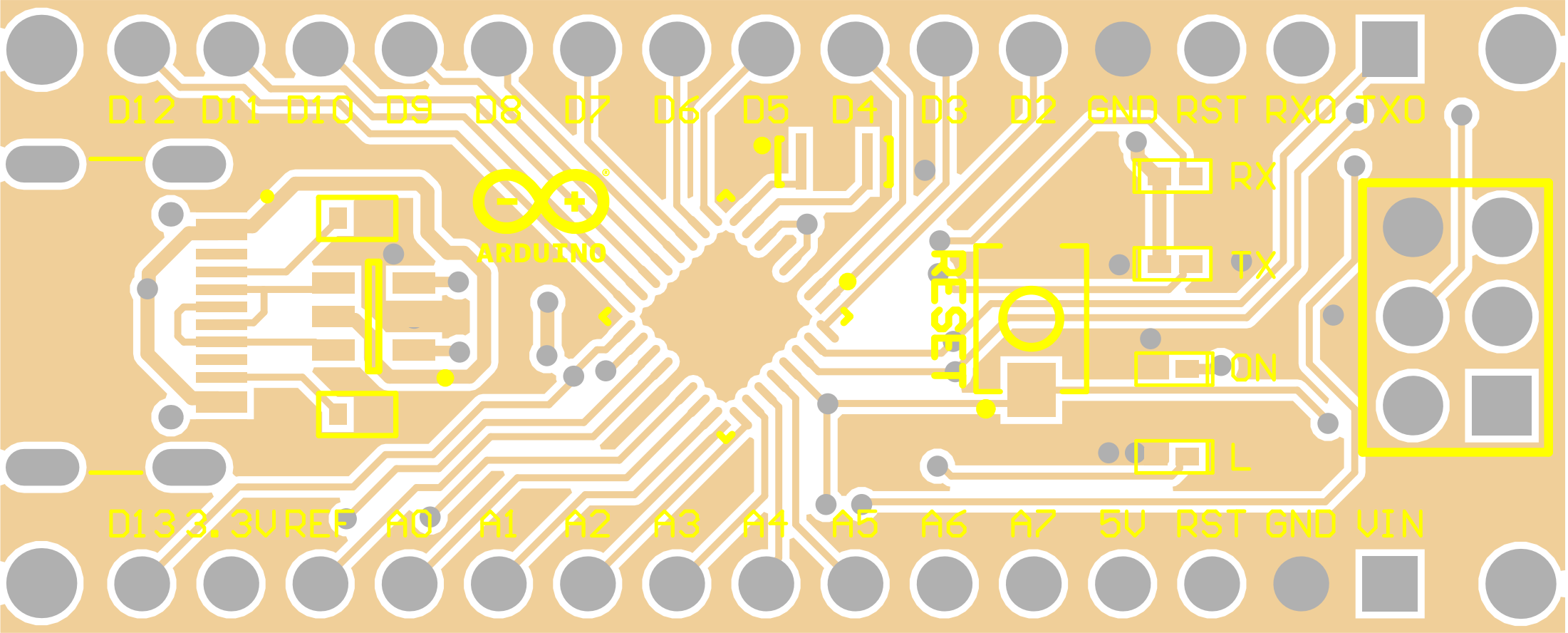


LDO Voltage Regulator (+5V)



Schematic Reference
Dimensional Reference

Project Arduino_Nano.PrjPcb		Logo 	Company Arduino
Sheet Info Sheet: 1 of 1 Rev: - Size: - Variant: [No Variant]		Designed By Michael J	
Date: 29-01-2023		https://www.arduino.cc/	



D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 GND RST RX0 TX0

D13 3.3V REF A0 A1 A2 A3 A4 A5 A6 A7 5V RST GND VIN

ARDUINO

RESET

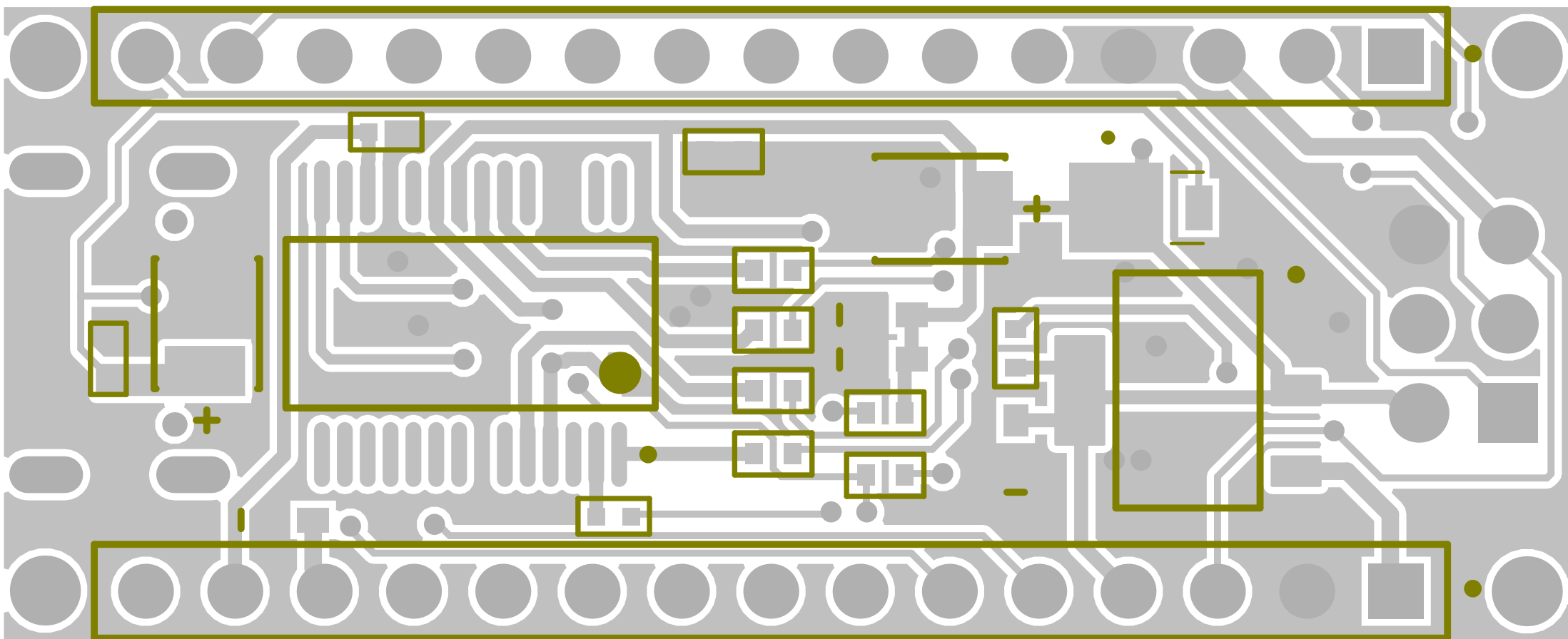
RX

TX

ON

L

A yellow-outlined rectangular box on the right side of the PCB, containing four circular components and one square component, likely representing a multi-pin connector or a module.



Comment	Description	Designator	Footprint	LibRef	Quantity
C0402	Ceramic Chip Capacitor - Standard	C1, C3, C5, C11	0402	C0402	4
4.7uF	CAP TANT 4.7UF 10% 16V 1411, T491B475K016AT	C2, C9	FP-T491B475K016AT-MFG	CMP-03017-000048-1	2
100n	Capacitor SMD 0402 16V	C4, C6, C10	CAP_0402_16V	CAP_0402_16V	3
USBLC6-2SC6	Very low capacitance ESD protection, 3.5 pF, -40 to 125 degC, 6-Pin SOT23, RoHS, Tape and Reel	D1	STM-SOT23-6L_V	CMP-2000-05378-1	1
SS1P3L-M3_84A	Schottky Diode	D2	SS1P3LM384A	SS1P3L-M3_84A	1
Header_Male 2x03 2.54mm	Conn Unshrouded Header HDR 6 POS 2.54mm Solder ST Thru-Hole	JP1	Header_Male 2x03 2.54mm	Header_Male 2x03 2.54mm	1
TSW-115-07-G-S	CONN HEADER VERT 15POS 2.54MM	JP2, JP3	FP-TSW-115-07-G-S-MFG	CMP-02766-000090-1	2
LED_0402_GREEN	LED SMD 0402 Green	LED1	LED_0402	LED_0402_GREEN	1
LED_0402_ORANGE	LED SMD 0402 Orange	LED2, LED3, LED4	LED_0402	LED_0402_ORANGE	3
1k	Resistor SMD 0402	R1, R2, R3, R4, R5, R6, R9, R10	RES_0402	RES_0402_2	8
5k1	Resistor SMD 0402	R7, R8	RES_0402	RES_0402_3	2
SMD,3x4x2.5mm Tactile Switches ROHS		SW1	SMD,3x4x2.5mm Tactile Switches ROHS	SMD,3x4x2.5mm Tactile Switches ROHS	1
ATMEGA328P-MUR	IC MCU 8BIT 32KB FLASH 32VQFN	U1	FP-32M1-A-IPC_C	CMP-06276-000062-1	1
FT232RL	IC USB FS SERIAL UART 28-SSOP	U2	FTDI-SSOP-28_M	CMP-2000-05029-1	1
TYPE-C-31-M-12	TYPE-C-31-M-12	U3	TYPE-C-31-M-12	USB_Type_C	1
LM1117MPX-5V	800mA Low-Dropout Linear Regulator, 4-pin SOT-223, Pb-Free	U4	DCY0004A_L	CMP-0062-01635-4	1
CSTCE16MOV53-RO	Ceramic Resonator, 16 MHz with Built-in Capacitance, Thickness Expander Mode, Initial Frequency Tolerance +/- 0.5%, Load Capacity 15 pF, -20 to 80 degC, 3.2 x 1.3 x 1 mm SMD, RoHS, Reel	U5	MURA-CSTCE_V-3_V	CMP-0588-00001-2	1