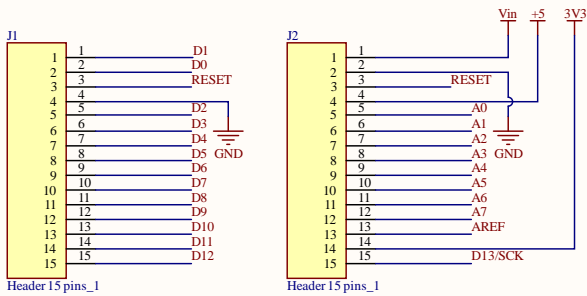
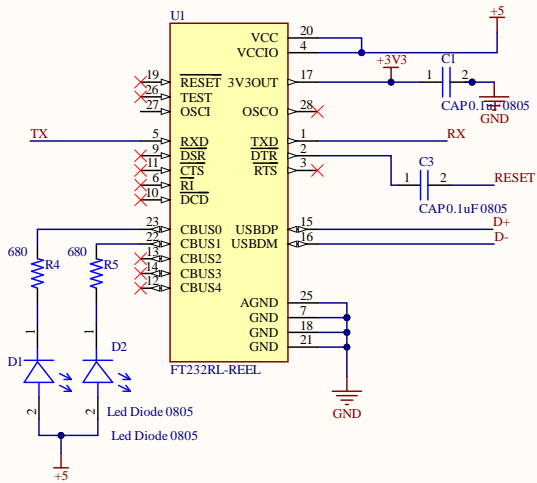


ARDUINO NANO SCHEMATIC

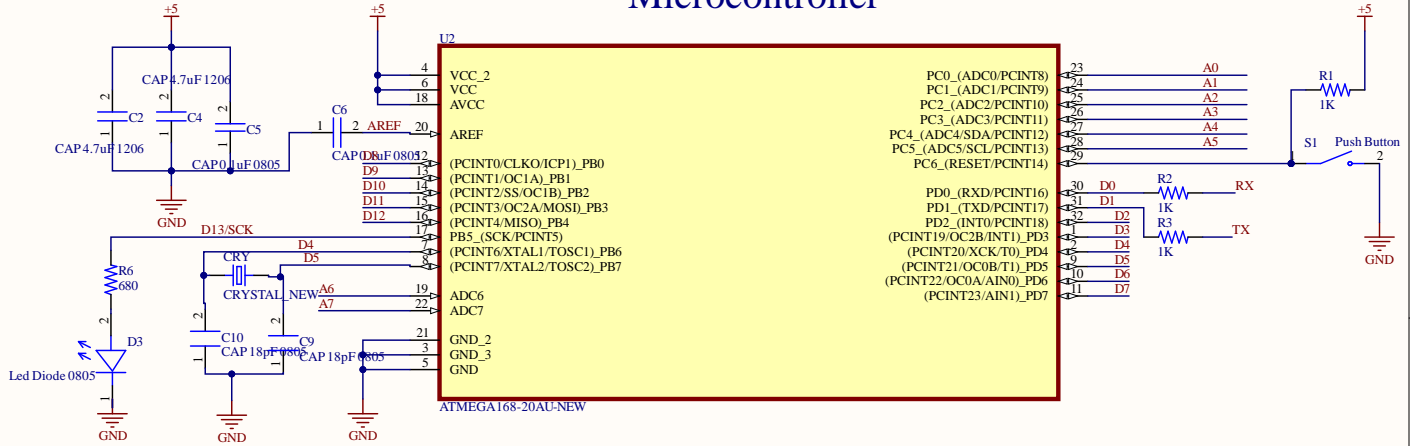
Headers



USB

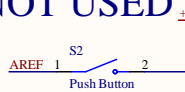


Microcontroller

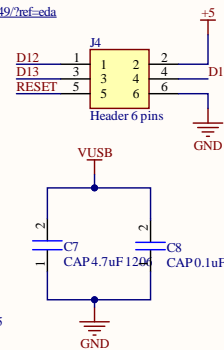
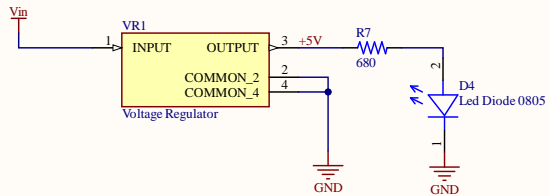


Check prices: <https://www.snapeda.com/parts/ECS-160-S-5P-TR/ECS%20International/view-part/2547549/?ref=eda>

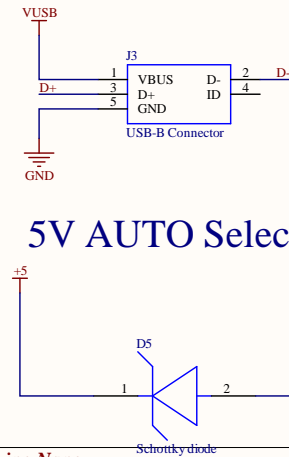
NOT USED




5V Regulator

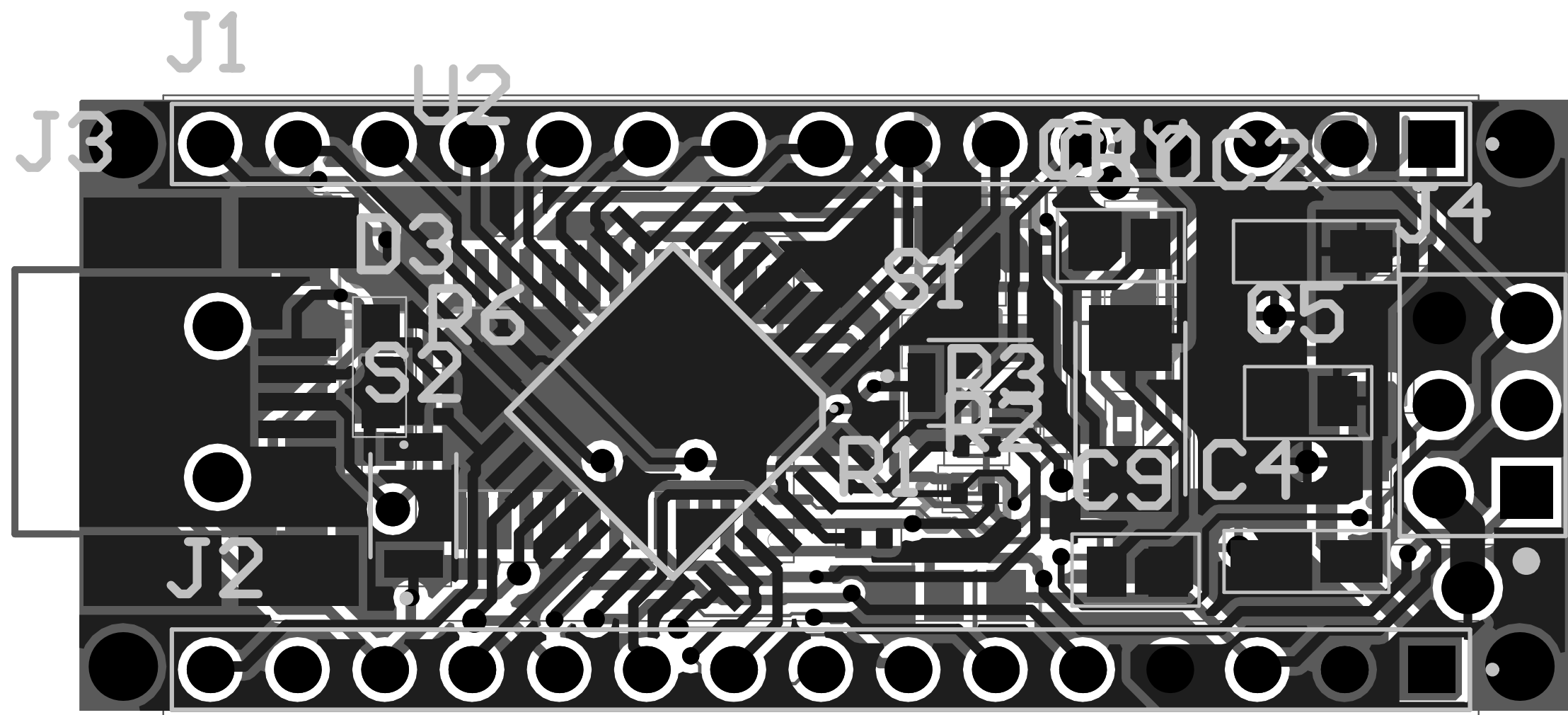


5V AUTO Selector



Title Arduino Nano			
Size: B	Number:*	Revision:*	
Date: 9/11/2022	Time: 09:25:26	Sheet * of *	
File: D:\Altium PROJECTS\Altium Project Udemcy\Arduino_Nano\ Schematic_NANO.SchDoc			

Altium®



Comment	Description	Designator	Footprint	LibRef	Quantity
CAP 0.1uF 0805		C1, C3, C5, C6, C8	CAP 0.1uF 0805	CAP 0.1uF 0805	5
CAP 4.7uF 1206		C2, C4, C7	CAP 4.7 uF 1206	CAP 4.7uF 1206	3
CAP 18pF 0805		C9, C10	CAP 18pF 0805	CAP 18pF 0805	2
CRYSTAL_NEW	16MHz Â±30ppm Crystal Series 40 Ohms HC-49/US	CRY	CRYSTAL 16MHZ	CRYSTAL_NEW	1
Led Diode 0805		D1, D2, D3, D4	LED 0805	Led Diode 0805	4
Schottky diode	Schottky diode 0.5A 20V	D5	Schottky diode	Schottky diode	1
Header 15 pins_1		J1, J2	Header 15 pins	Header 15 pins_1	2
USB-B Connector	USB - mini B USB 2.0 OTG Receptacle Connector 5 Position Surface Mount, Right Angle	J3	USB-B Connector	USB-B Connector	1
Header 6 pins	Connector Header Through Hole 6 position 0.100 _2.54mm_	J4	Header 6 pins	Header 6 pins	1
1K	RL73H 2B R10 1% 5K RL	R1, R2, R3	RES 0402	RES 1206	3
680	RL73H 2B R10 1% 5K RL	R4, R5, R6, R7	RES 0402	RES 1206	4
Push Button	Switch Tactile N.O. SPST Round Button Gull Wing 0.05A 12VDC 1.5N SMD Embossed T/R	S1, S2	Push Button	Push Button	2
FT232RL-REEL	USB Full Speed to Serial UART IC, Includes Oscillator and EEPROM - SSOP- 28	U1	SOP65P780X200-28N	FT232RL-REEL	1
ATMEGA168-20AU- NEW	AVR AVRÂ® ATmega Microcontroller IC 8- Bit 20MHz 16KB _8K x 16_ FLASH 32-TQFP _7x7_	U2	ATMEGA168-20AU - duplicate	ATMEGA168-20AU- NEW	1
Voltage Regulator	500-mA, 30-V, linear voltage regulator 4- SOT-223 0 to 125	VR1	Voltage Regulator	Voltage Regulator	1