

Source:	Topo_v0.kicad_sch
Date:	Sun 12 Feb 2023 08:32:24 PM -04
Tool:	Eeschema 6.0.11-2627ca5db0~126~ubuntu22.04.1
Component Count:	296

Item	Qty	Ref(s)	Value	Digi-Key	LCSC	Manufacturer	Mouser	Package	LCSC	Part Number
1	1	C1	100uF/6.3V	478-3877-1-ND	C7195	KYOCERA AVX	581-TAJB107M006R	CASE-B-3528		TAJB107M006RNJ
2	6	C2-7	1uF/16V	1276-1067-1-ND	C29266	Samsung Electro-Mechanics	187-CL05A105KO5NNNC	0402		CL05A105KO5NNNC
3	72	C8-79	0.1uF/16V	1276-1001-1-ND	C1525	Samsung Electro-Mechanics	187-CL05B104KO5NNNC	0402		CL05B104KO5NNNC
4	1	C80	1nF/50V	1276-1032-1-ND	C14442	Samsung Electro-Mechanics	187-CL05B102KB5NNNC	0402		CL05B102KB5NNNC
5	2	C81-82	22pF/50V	1276-1116-1-ND	C70464	Samsung Electro-Mechanics	187-CL05C220JB5NNNC	0402		CL05C220JB5NNNC
6	64	D1-64	SD103AWS-TP	SD103AWSTPMSCT-ND	C779513	Micro Commercial Co	833-SD103AWS-TP	SOD-323		SD103AWS-TP
7	66	D65-130	SK6812MINI-E	1528-4960-ND	C5149201	Adafruit Industries LLC	485-4960	SMD		4960
8	1	FB1	BLM15PX221SN1D	490-11021-1-ND	C160973	Murata Electronics	81-BLM15PX221SN1D	0402		BLM15PX221SN1D
9	6	H1-6	MountingHole_Pad	732-7089-1-ND	- - -	Würth Elektronik	710-9774040151R	- - -		9774040151R
10	1	J1	AVR-ISP	609-4381-ND	- - -	Amphenol ICC (FCI)	649-10112684G0304ULF	- - -		10112684-G03-04ULF
11	1	P1	Port1	- - -	C165948	Korean Hroparts Elec	- - -	SMD		TYPE-C-31-M-12
12	1	R1	1M0	311-1.00MLRCT-ND	C138033	YAGEO	603-RC0402FR-071ML	0402		RC0402FR-071ML
13	2	R2-3	10K0	311-10.0KLRCT-ND	C60490	YAGEO	603-RC0402FR-0710KL	0402		RC0402FR-0710KL
14	2	R4, R5	5K1	311-5.10KLRCT-ND	C105872	YAGEO	603-RC0402FR-075K1L	0402		RC0402FR-075K1L
15	1	R6	499R	311-499LRCT-ND	C137970	YAGEO	603-RC0402FR-07499RL	0402		RC0402FR-07499RL
16	2	R7-8	22R0	311-22.0LRCT-ND	C114765	YAGEO	603-RC0402FR-0722RL	0402		RC0402FR-0722RL
17	1	SW1	RESET	CKN10587CT-ND	C221904	C&K	611-PTS830GM140GSMTR	SMD		PTS830GM140 SMTR LFS
18	1	SW2	SW_DIP_x01	2223-DS04-254-1-01BK-SMT-ND	C600988	CUI Devices	490-DS04254101BK-SMT	SMD,3.5x6.2mm		DS04-254-1-01BK-SMT
19	62	SW3-64	Choc V1	- - -	- - -	Cherry AG	- - -	- - -		Cherry MX
21	1	TVS1	PRTR5V0U2X	1727-3884-1-ND	C12333	Nexperia USA Inc.	771-PRTR5V0U2X-T/R	SOT-143		PRTR5V0U2X,215
22	1	U1	ATmega32U4-M	ATMEGA32U4-MURCT-ND	C45874	Microchip Technology	556-ATMEGA32U4-MUR	VQFN-44-EP(7x7)		ATMEGA32U4-MUR
23	1	Y1	16MHz	535-10267-1-ND	C1985423	Abracon LLC	815-ABM8G-16-18D2Y	SMD-4P		ABM8G-16.000MHZ-18-D2Y-T