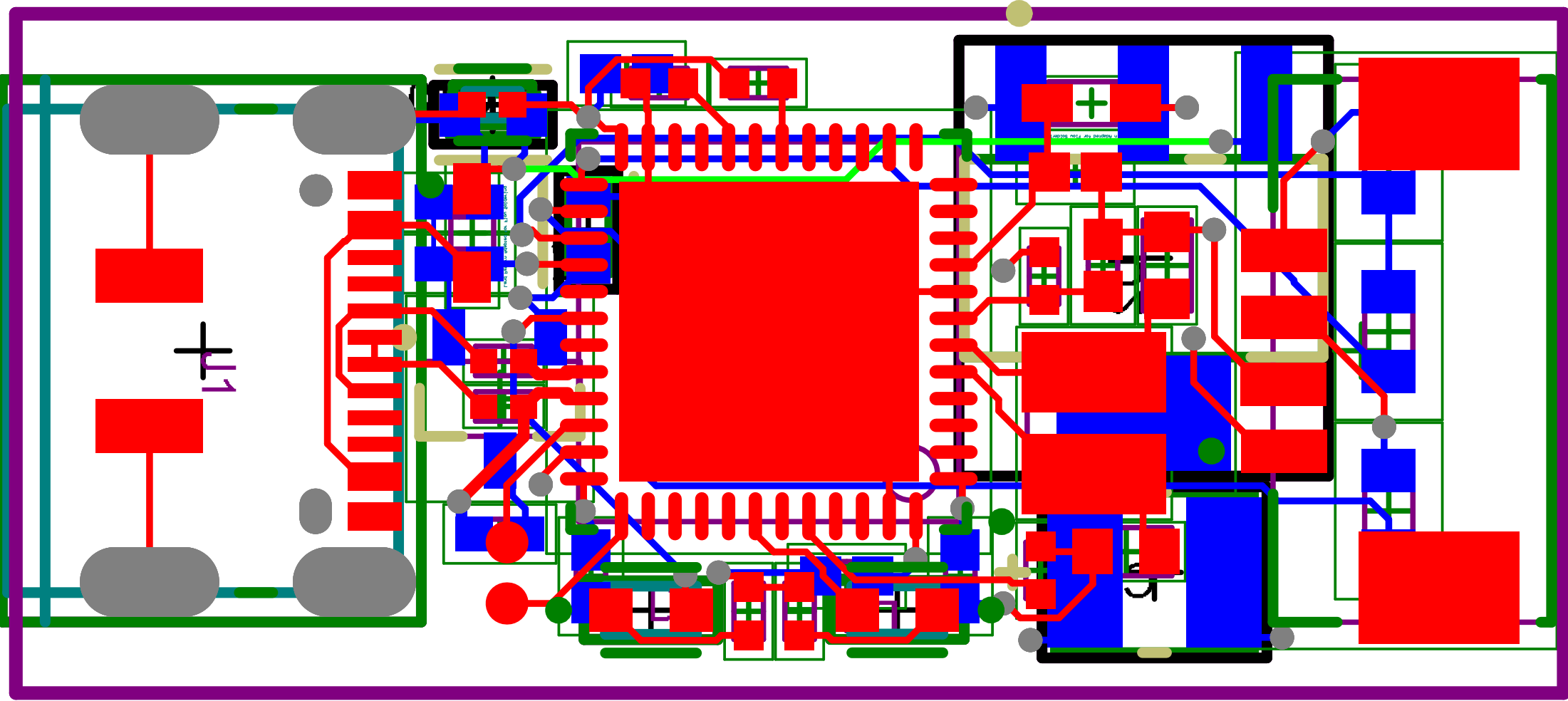


Title		
DAP-LINK		
Size	Number	Revision
A4		ChenYuTian
Date:	11/05/2022	Sheet of
File:	D:\Robomaster\...\DAP-Link.SchDoc	Drawn By: WangHaozhe



Line #	Name	Description	Designator	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	Loader		1			1							
	10uF	Cap Ceramic, 10uF 25V X5R ±20% Pad SMD 0603 +85°C T/R	C1, C10			2							
	100nF	Chip Capacitor, 100 nF, +/- 10%, 16 V, - 55 to 125 degC, 0402 (1005 Metric), RoHS, Tape and Reel	C2, C3, C4, C5, C6, C8			6							
	1uF	Cap Ceramic, 1uF 25V X5R ±10% SMD 0402 +85°C Paper T/R	C7			1							
	100UF 10% 6.3V	100uF 6.3V ±10% 1.7Ω 1210 SMD Tantalum Capacitor	C9			1							
	20pF	Chip Capacitor, 20 pF, +/- 5%, 50 V, -55 to 85 degC, 0603 (1608 Metric), RoHS, Tape and Reel	C11, C12			2							
	LED GREEN	LED GREEN CLEAR CHIP SMD	D1			1							
	LED BLUE	LED BLUE CLEAR CHIP SMD	D2			1							
	600Q@100MHz	Chip Ferrite Bead for General Use, 600 Ohm, 500 mA, -55 to 125 degC, 1.6 x 0.8 x 0.95 mm SMD, Tape and Reel	FB1, FB2			2							
	DX07S016JA1R1500	CONN RCP USB2.0 TYP C 24P SMD RA	U1			1							
	53261-0471	Male Header, Pitch 1.25 mm, 1 x 4 Position, Height 3.4 mm, -40 to 85 degC, RoHS, Tape and Reel	P1			1							
	PNP	PNP Silicon Switching Transistor, 40 V VCEO, 200 mA IC, SOT23, Reel, Green	Q1			1							
	10kQ		R1, R2, R6, R7, R8, R9			6							
	100R	Chip Resistor, 100 Ohm, +/- 1%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R3, R4, R5			3							
	1K5		R10, R11, R12			3							
	22R		R13, R14			2							
		ARM Cortex-M3 32-bit MCU, 128 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin UFGFPN, -40 to 85 degC, Tray	U1			1							
	TLV1117-33IDCVR	IC REG LIN 3.3V 800mA SOT223-4	U2			1							
	8MHz	Crystal Unit, 8 MHz, 8 pF, -40 to 150 degC, 2-Pin SMD, RoHS, Tape and Reel	Y1			1							