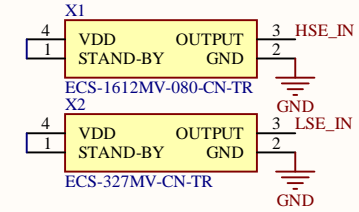
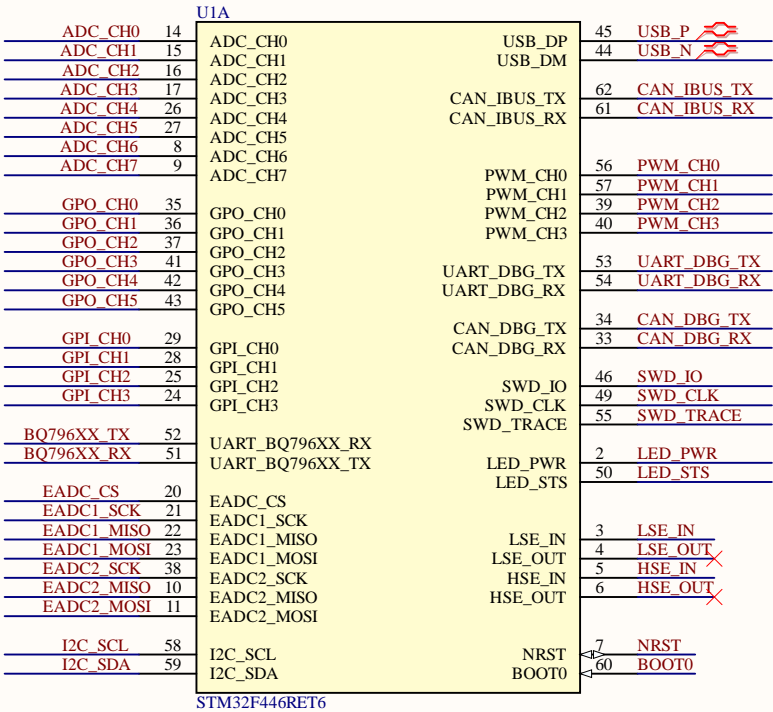

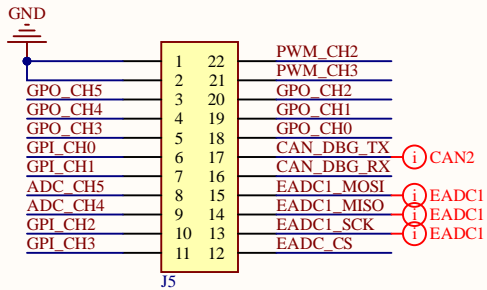
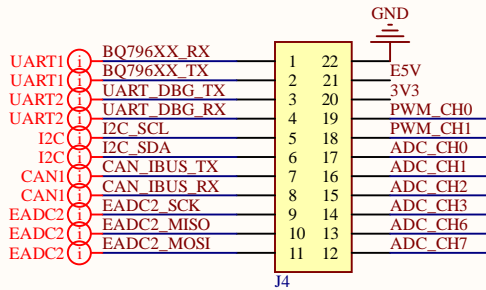
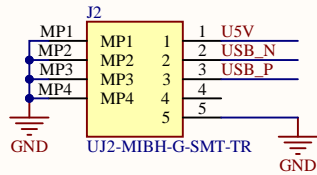
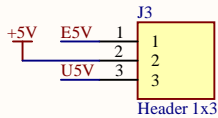
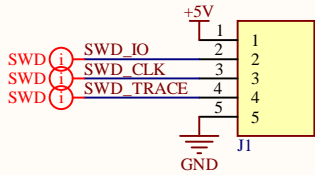
	Title STM32F446 Development Board					
	Generation	Organization	Sub Team	Module	Ver.	Rev.
	NA	PERT	EEE	BMS	1	A
Date 16/1/2024				Drawn By EEE Patrick		

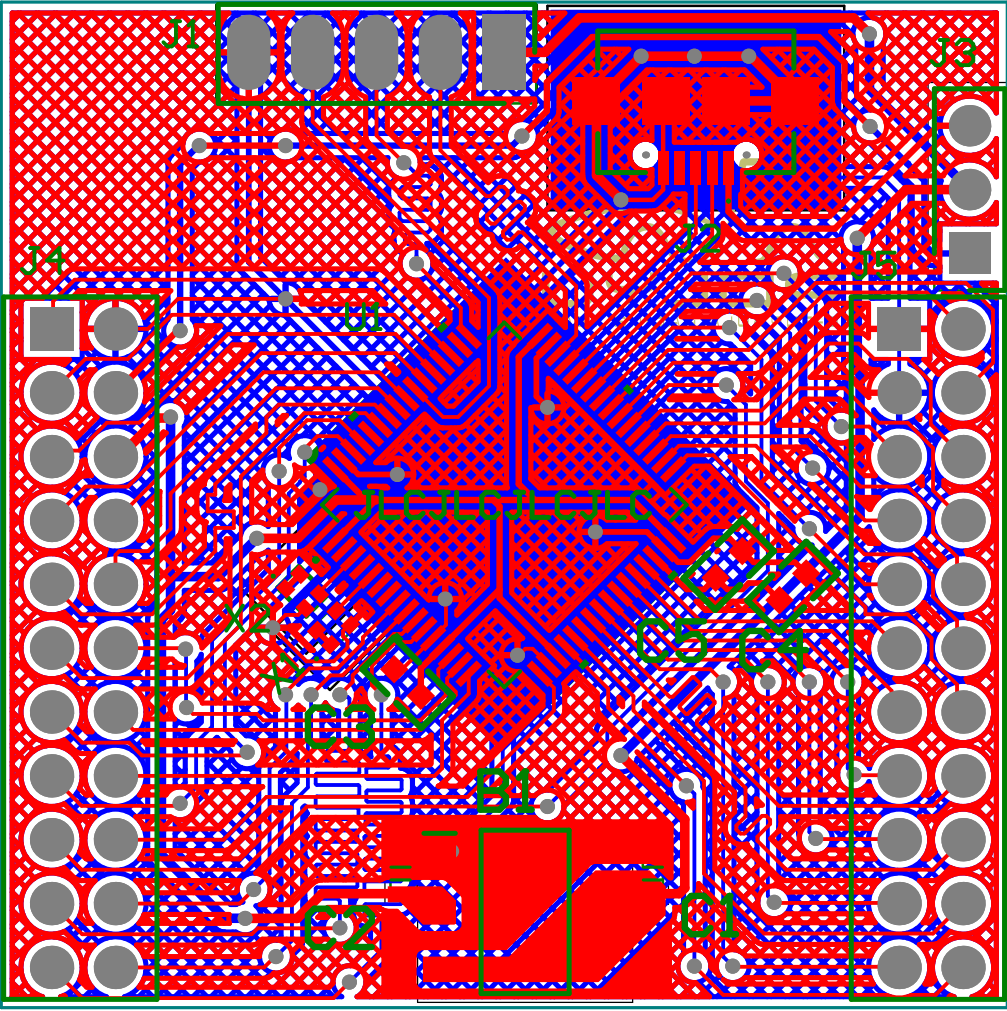


change to a larger size X1,X2

		Title STM32F446 Development Board				
		Generation	Organization	Sub Team	Module	Ver.
		NA	PERT	EEE	BMS	1
Date 16/1/2024					Rev. A	
Drawn By					EEE Patcik	

▲ Use 2x11 header to connect.
Other external system use Testpad as contact point.
USB-C SMD connector





Comment	Description	Designator	Footprint	LibRef	Quantity
NCP1117IST33T3G	Linear Voltage Regulator IC Positive Fixed 1 Output 1A SOT-223	B1	SOT230P700X180-4N	CMP-052-000000-1	1
10u	0603 SMD Capacitor	C1, C2	0603_SMD_C	0603_SMD_Capacitor	2
100n	SMD 0603 Capacitor	C3	0603_SMD_RC	SMD 0603 Capacitor	1
	SMD 0603 Capacitor	C4, C5	0603_SMD_RC	SMD 0603 Capacitor	2
Header 1x5	Header 1x5	J1	HDR_1X5_2.54_SMD	Header 1x5	1
UJ2-MIBH-G-SMT-TR	USB Connectors USB jack, 2.0, micro B type, 5 pin, horizontal, gold flash, SMT, TR	J2	USB_B_5P_SMD	USB_B 5P	1
Header 1x3	Pin Header 2.54mm Pitch STR DIP, 1x3Pin, G/F, LCP, 8.08mm*2.54mm*3.18mm, Color-Black, Bag	J3	HDR_1X3_2.54_THD	Header 1x3	1
Header 1x5	Header 2x11	J4, J5	HDR_2x11_2.54_THD	Header 2x11	2
STM32F446RET6	No Description Available	U1	LQFP64-STM32F446	STM32F446RET6	1
ECS-1612MV-080-CN-TR	Standard Clock Oscillators 8MHz CMOS 1.6-3.6V	X1	1612_OSXO_80	8M OSXO ECS	1
ECS-327MV-CN-TR	Standard Clock Oscillators 32.768kHz LVCMOS 1.6-3.6V	X2	1612_OSXO_32.768	32.768k OSXO ECS	1