



A

B

C

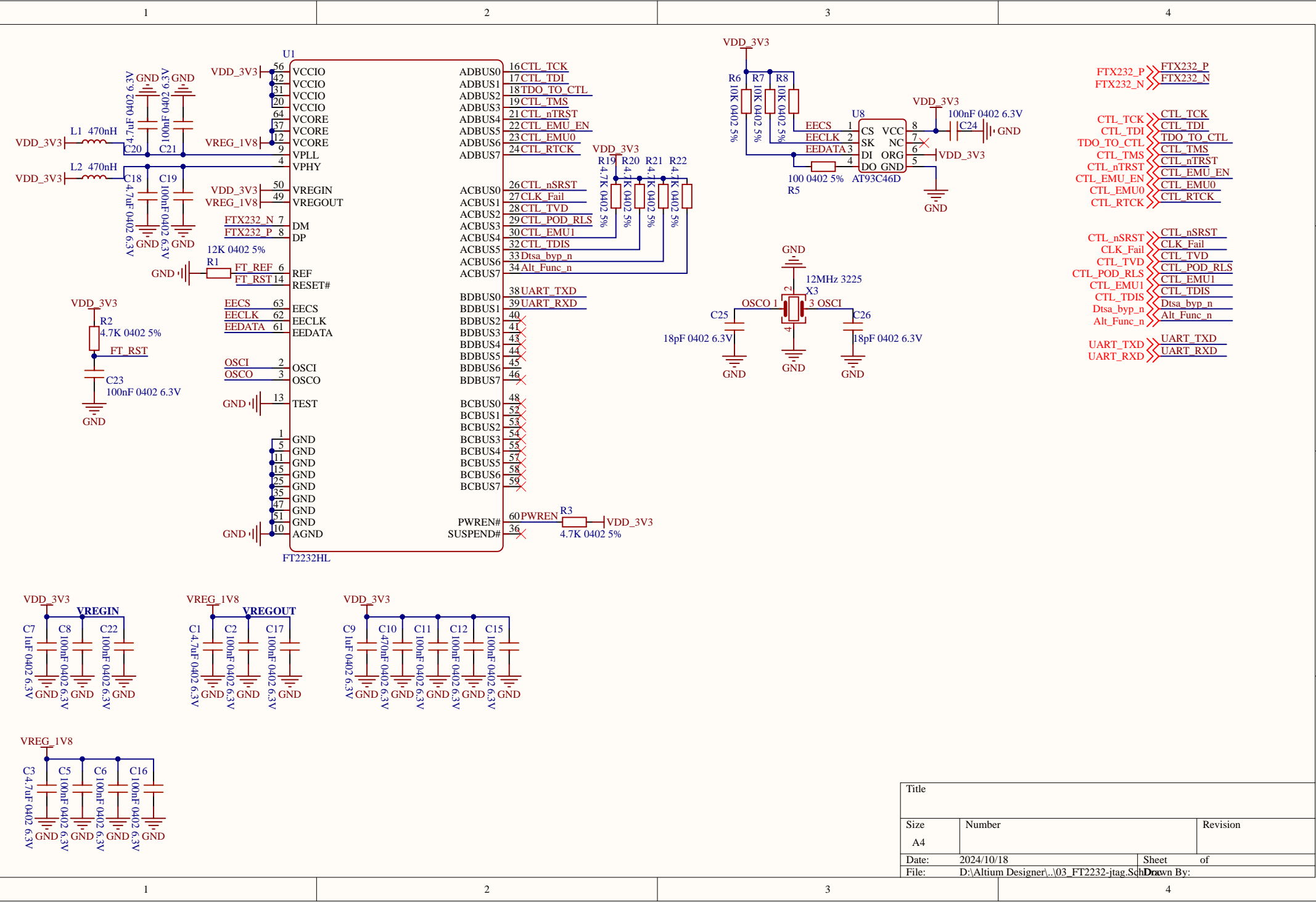
D

A

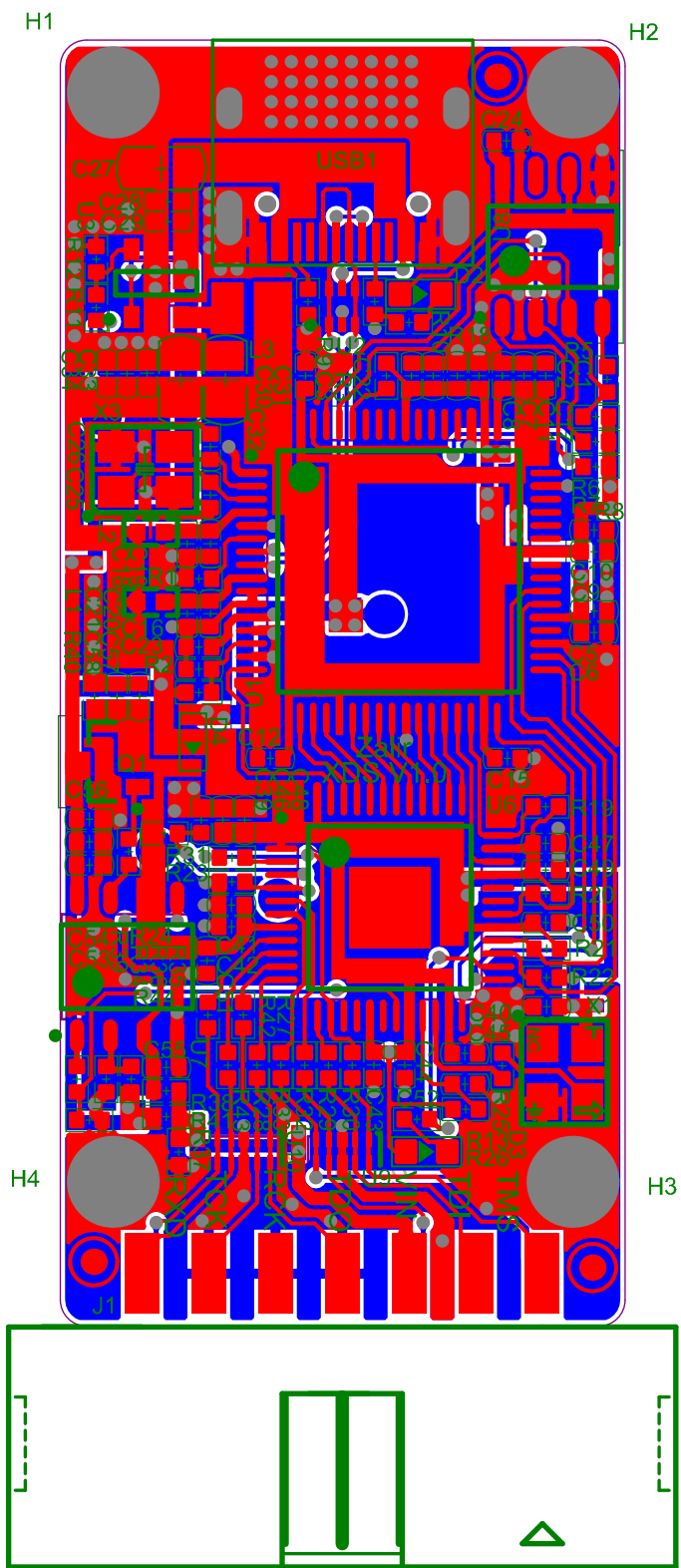
B

C

D



Title		
Size	Number	Revision
A4		
Date:	2024/10/18	Sheet of
File:	D:\Altium Designer\...\03_FT2232-jtag.SchDrawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
4.7uF 0402 6.3V	Unpolarized capacitor	C1, C3, C18, C21, C5	C_0402_1005Metric	C	
100nF 0402 6.3V	Unpolarized capacitor	C2, C5, C6, C8, C11, C	C_0402_1005Metric	C	
1uF 0402 6.3V	Unpolarized capacitor	C7, C9, C28, C32, C5	C_0402_1005Metric	C	
470nF 0402 6.3V	Unpolarized capacitor	C10, C33	C_0402_1005Metric	C	
18pF 0402 6.3V	Unpolarized capacitor	C25, C26	C_0402_1005Metric	C	
10uF 0805 6.3V	Unpolarized capacitor	C27	C_0805_2012Metric	C	
22uF 0805 6.3V	Unpolarized capacitor	C30, C31	C_0805_2012Metric	C	
0.1uF 0402 6.3V	Unpolarized capacitor	C52, C53, C54, C55, C	C_0402_1005Metric	C	
LED	Light emitting diode	D2, D3	LED_0603_1608Metric	LED	
Diode	Diode_AK	D4	SOD-523F_0P9X1P3	Diode	
TestPoint	test point tp	H1, H2, H3, H4	M2-HOLE	TestPoint	
JTAG-14	Generic connector, sir	J1	DC3_14P_2.54MM_V	Generic_Conn_02x07	
470nH	Inductor	L1, L2	L0402-SMD	L	
2.2uH 2512	Inductor	L3	L_252012-TEMP	L	
TestPoint	test point tp	M1, M2, M3	Mark-1mm	TestPoint	
NPN-BEC	NPN transistor, base/c	Q1	NPN-BCE	NPN-BEC	
12K 0402 5%	Resistor	R1	R_0402_1005Metric	R	
4.7K 0402 5%	Resistor	R2, R3, R19, R20, R2	R_0402_1005Metric	R	
100 0402 5%	Resistor	R5	R_0402_1005Metric	R	
10K 0402 5%	Resistor	R6, R7, R8	R_0402_1005Metric	R	
5.1K 0402 5%	Resistor	R9, R10	R_0402_1005Metric	R	
510K 0402 1%	Resistor	R11	R_0402_1005Metric	R	
110K 0402 1%	Resistor	R12	R_0402_1005Metric	R	
2K 0402 1%	Resistor	R13, R18	R_0402_1005Metric	R	
4.7K 0402 1%	Resistor	R23	R_0402_1005Metric	R	
10K 0402 1%	Resistor	R24, R31, R34, R40,	R_0402_1005Metric	R	
22 0402 1%	Resistor	R25, R26, R27, R28,	R_0402_1005Metric	R	
120K 0402 1%	Resistor	R35, R36, R37	R_0402_1005Metric	R	
5.1K 0402 1%	Resistor	R38	R_0402_1005Metric	R	
1K 0402 1%	Resistor	R39	R_0402_1005Metric	R	
TestPoint	test point tp	TP1, TP2, TP3, TP4	TP-60MIL	TestPoint	
FT2232HL	FT2232H Dual High S	U1	FT2232HL-LQFP-64-P	FT2232HL	
USBLC6-2P6	Low Capacitance 2-Li	U2	USBLC6-2P6-SOT-563	USBLC6-2P6	
SY8088AAC	High Efficiency	U3	SY8088AAC	SY8088AAC	
EF2M45LG48B	SALELF® 2 系列 FPG	U6	EF2M45_LQFP-48L	EF2M45LG48B	
LMV358IDT	Low cost, low power,	U7	LMV358IDT-SOP8	LMV358IDT	
AT93C46D	Three-Wire Automotin	U8	AT93C46DN	AT93C46D	