

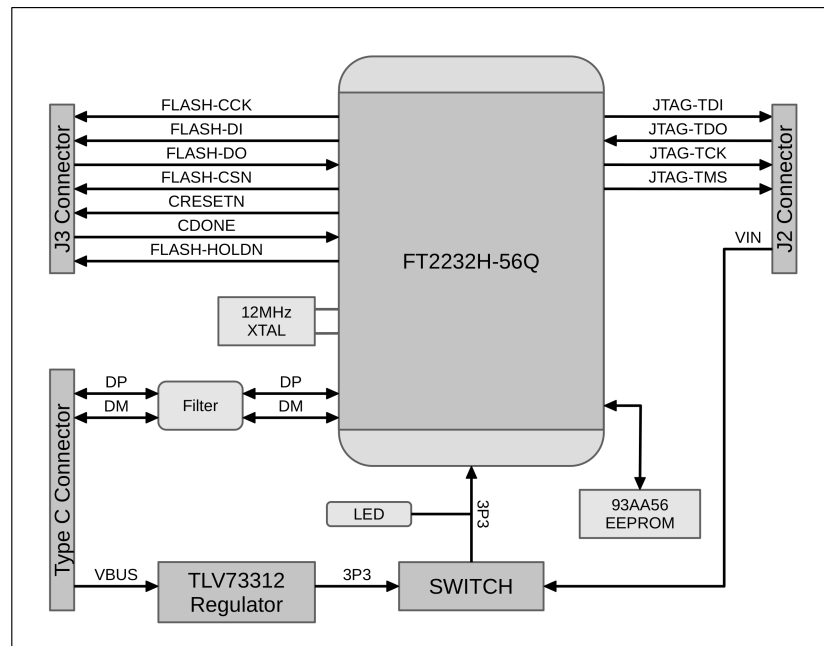
Sheet Table

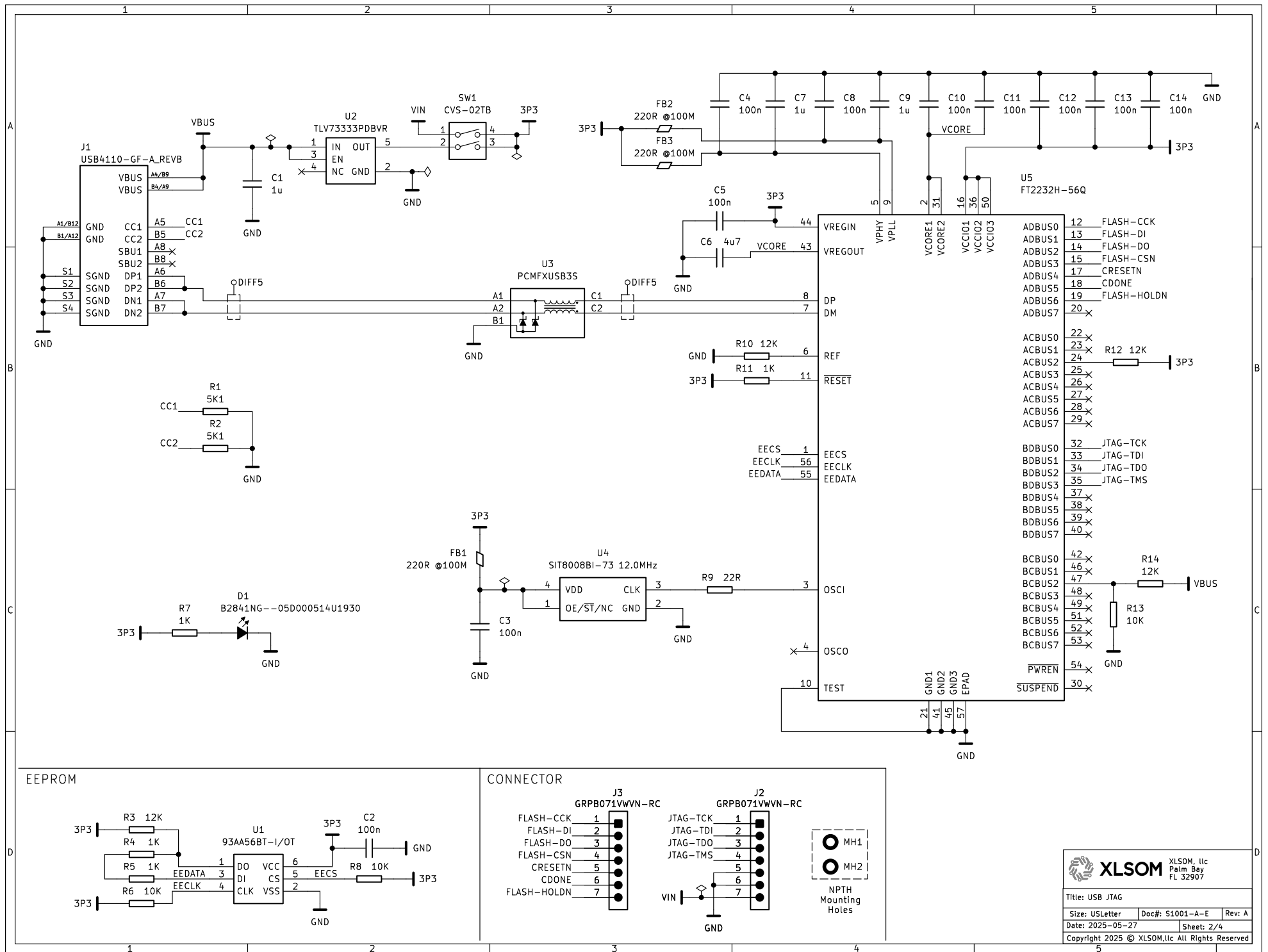
 PAGE 2 – USB JTAG

 PAGE 3 – REVISION HISTORY

 PAGE 4 – BOM

XLJTAG1 BLOCK





1		2		3		4		5	
REVISION HISTORY									
DRAWN	REV	SHEET	ZONE	DESCRIPTION				DATE	
CRC	A	ALL	ALL	RELEASE				02/19/24	
CRC	A	ALL	ALL	UPDATE TITLEBLOCK/REV BLOCK				08/08/25	

NOTES:

1. Board Thickness = 1.6 mm
2. Min. Board Stacking Height = 1.0 mm

All material must comply with:
1. The requirements of the European Union RoHS 2 Directive 2017/2102 (Amendment to 2011/65/EU) with no exceptions unless authorized.
2. The requirements of EC 1907/2006 and not contain any of the Substances of Very High Concern (SVHC) listed under the latest REACH requirements. (Amendments EU 2017/999, EU 2017/1510, EU 2018/35).
No changes to XLSOM, llc. bill of materials is allowed unless approved in writing by XLSOM, llc.
These changes will be maintained in the document revision history via ECN.

FAB NOTES

BOARD LOGO

XLSOM

XLSOM, llc
Palm Bay
FL 32909

Title: REVISION HISTORY

Size: USLetter	Doc#: S1001-A-E	Rev: A
Date: 2025-05-27	Sheet: 3/4	
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Doc Title: XLJTAG1 JTAG/SPI Programmer
Doc Type: BOM
PN: 2100-01
Revision: A
Date: 25/08/08
Doc#: B1001-A-E

Item	Qty	Reference	Value	Mfr	PN	Description
1	3	C1,C7,C9	1u	Samsung	CL05A105KO5NNNC	CAP CER 1UF 16V X5R 0402
2	10	C2,C3,C4,C5,C8, C10,C11,C12,C13,C14	100n	Walsin Technology Corp.	0402B104K160CT	CAP CER 0.1UF 16V X7R 0402
3	1	C6	4u7	Murata	GRM155R60J475ME47D	CAP CER 4.7UF 6.3V X5R 0402
4	1	D1	B2841NG--05D000514U1930	Harvatek	B2841NG--05D000514U1930	LED GREEN CLEAR SMD
5	3	FB1,FB2,FB3	220R @100M	TDK	MPZ1005S221HT000	FERRITE BEAD 220 OHM 0402 1LN
6	1	J1	USB4110-GF-A REV B	GCT	USB4110-GF-A	CONN RCP USB2.0 TYP C 24P SMD RA
7	2	J2,J3	GRPB071VWVN-RC	Sullins Connector Solutions	GRPB071VWVN-RC	CONN HEADER VERT 7POS 1.27MM
8	2	R1,R2	5K1	Stackpole	RMCF0402FT5K10	RES 5.1K OHM 1% 1/16W 0402
9	4	R3,R10,R12,R14	12K	Stackpole	RMCF0402FT12K0	RES 12K OHM 1% 1/16W 0402
10	4	R4,R5,R7,R11	1K	Stackpole	RMCF0402FT1K00	RES 1K OHM 1% 1/16W 0402
11	3	R6,R8,R13	10K	Stackpole	RMCF0402FT12K0	RES 12K OHM 1% 1/16W 0402
12	1	R9	22R	Stackpole	RMCF0402FT22R0	RES 22 OHM 1% 1/16W 0402
13	1	SW1	CVS-02TB	Nidec Components Corp	CVS-02TB	SWITCH SLIDE DIP SPST 0.1A 6V
14	1	U1	93AA56BT-I/OT	Microchip	93AA56BT-I/OT	IC EEPROM 2KBIT MIC WIRE SOT23-6
15	1	U2	TLV73333PDBVR	Texas Instruments	TLV73333PDBVR	IC REG LINEAR 3.3V 300MA SOT23-5
16	1	U3	PCMF1USB3S	Nexperia	PCMF1USB3SZ	CMC 2LN SMD ESD
17	1	U4	SIT8008BI-73 12.0MHz	SiTime	SIT8008BI-73-XXS-12.000000	MEMS OSC XO 12.0000MHZ H/LV-CMOS
18	1	U5	FT2232H-56Q	FTDI	FT2232H-56Q-TRAY	IC DUAL USB TO UART/FIFO 56VQFN
19	1	PCB	xljtag1 rev.a	XLSOM, llc.	2100-01-101	JTAG/SPI Flash Programmer bare etch PCB