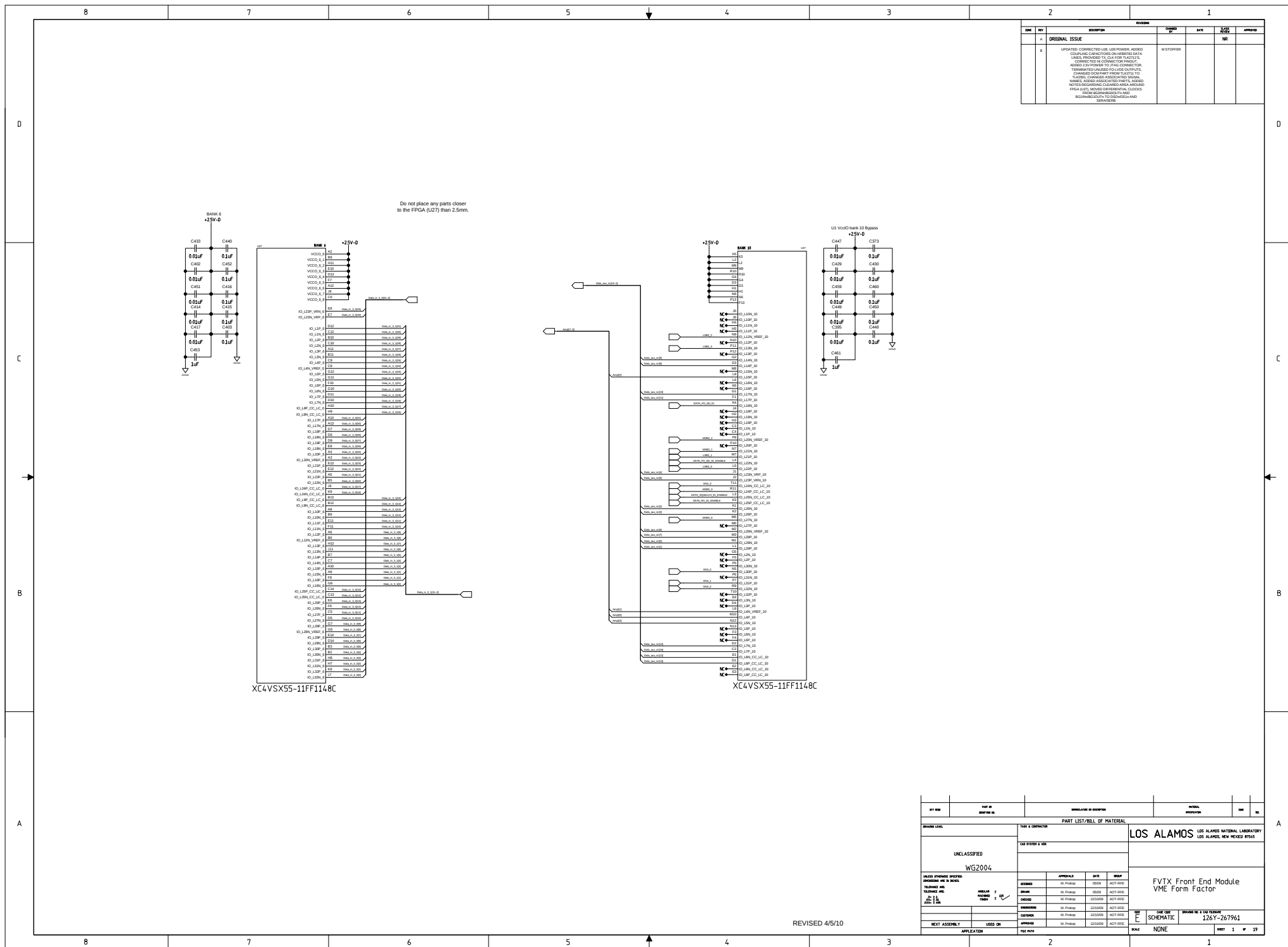
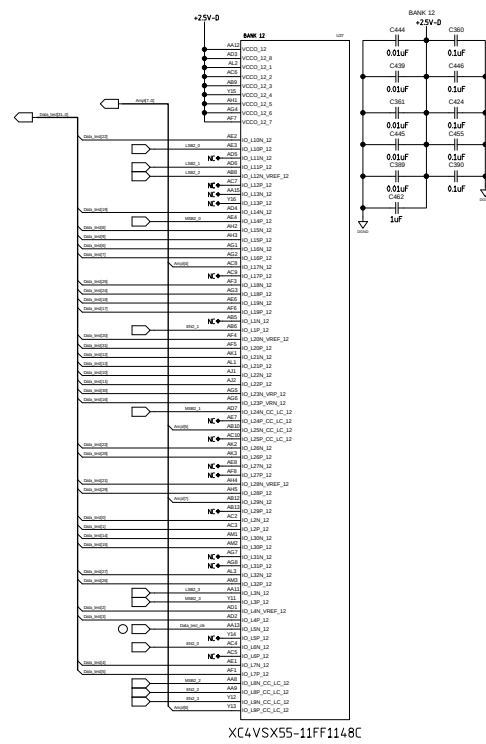




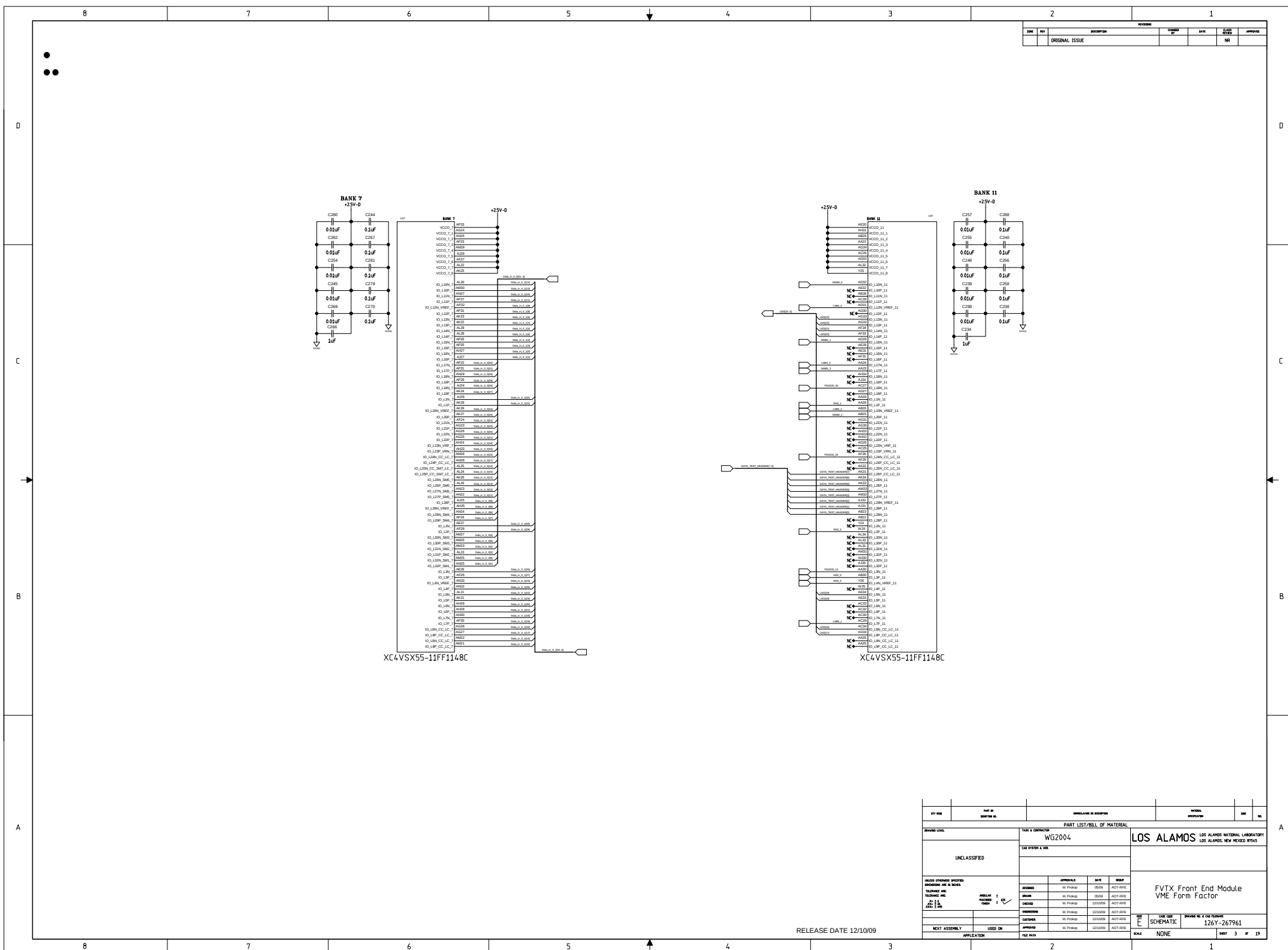
REVISION		DATE	APPROVED
1	ORIGINAL ISSUE		
2	UPDATED: CORRECTED LOG, LOG POWER, ADDED EQUIPMENT CAPACITORS ON POWER DATA LINES, PROVIDED TX, CLK FOR PLACETS, CORRECTED IN CONNECTOR PINOUTS, ADDED 2.5V POWER TO JTAG CONNECTOR, TERMINATED UNUSED POWER CLOCKS, CHANGED TO PART NUMBER TO THE TAP, CHANGED ASSOCIATED SIGNAL NAMES, ADDED ASSOCIATED PART, ADDED NOTES REGARDING CLEARED AREA, ADDED FPGA USER, MOVED DIFFERENTIAL CLOCKS FROM BOWSWORTH AND BEGINNING CLOCKS TO BOWSWORTH AND BOWSWORTH		

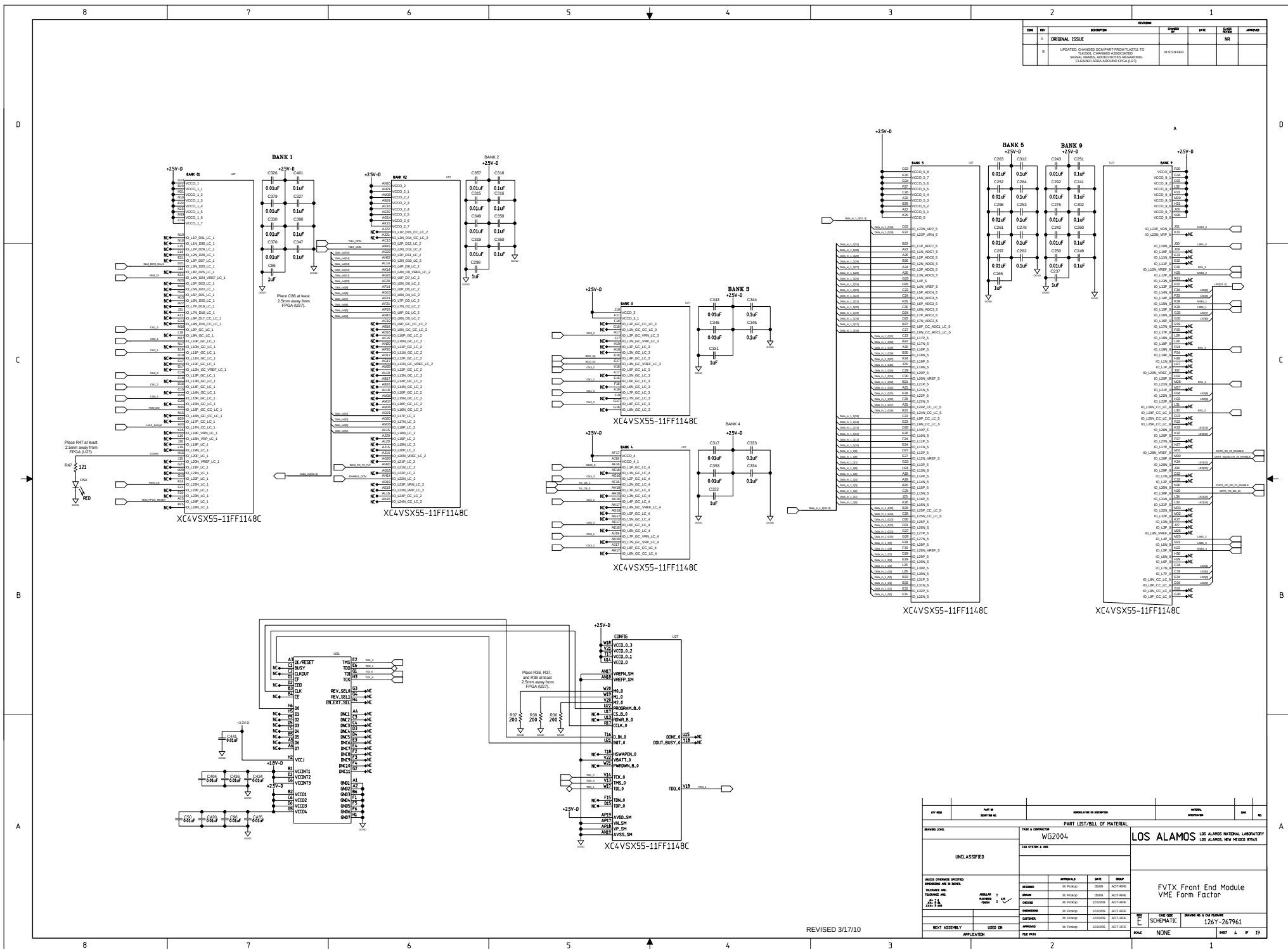
REV	REV	REV	REV	REV	REV
1	2	3	4	5	6
PART LIST/BILL OF MATERIAL					
LOS ALAMOS					
FVIX Front End Module					
VME Form Factor					
WG2004					
UNCLASSIFIED					
REVISIONS					
REV	DATE	BY	APP	REV	DATE
1	12/10/00	12/10/00	12/10/00	1	12/10/00
2	12/10/00	12/10/00	12/10/00	2	12/10/00
3	12/10/00	12/10/00	12/10/00	3	12/10/00
4	12/10/00	12/10/00	12/10/00	4	12/10/00
5	12/10/00	12/10/00	12/10/00	5	12/10/00
6	12/10/00	12/10/00	12/10/00	6	12/10/00
7	12/10/00	12/10/00	12/10/00	7	12/10/00
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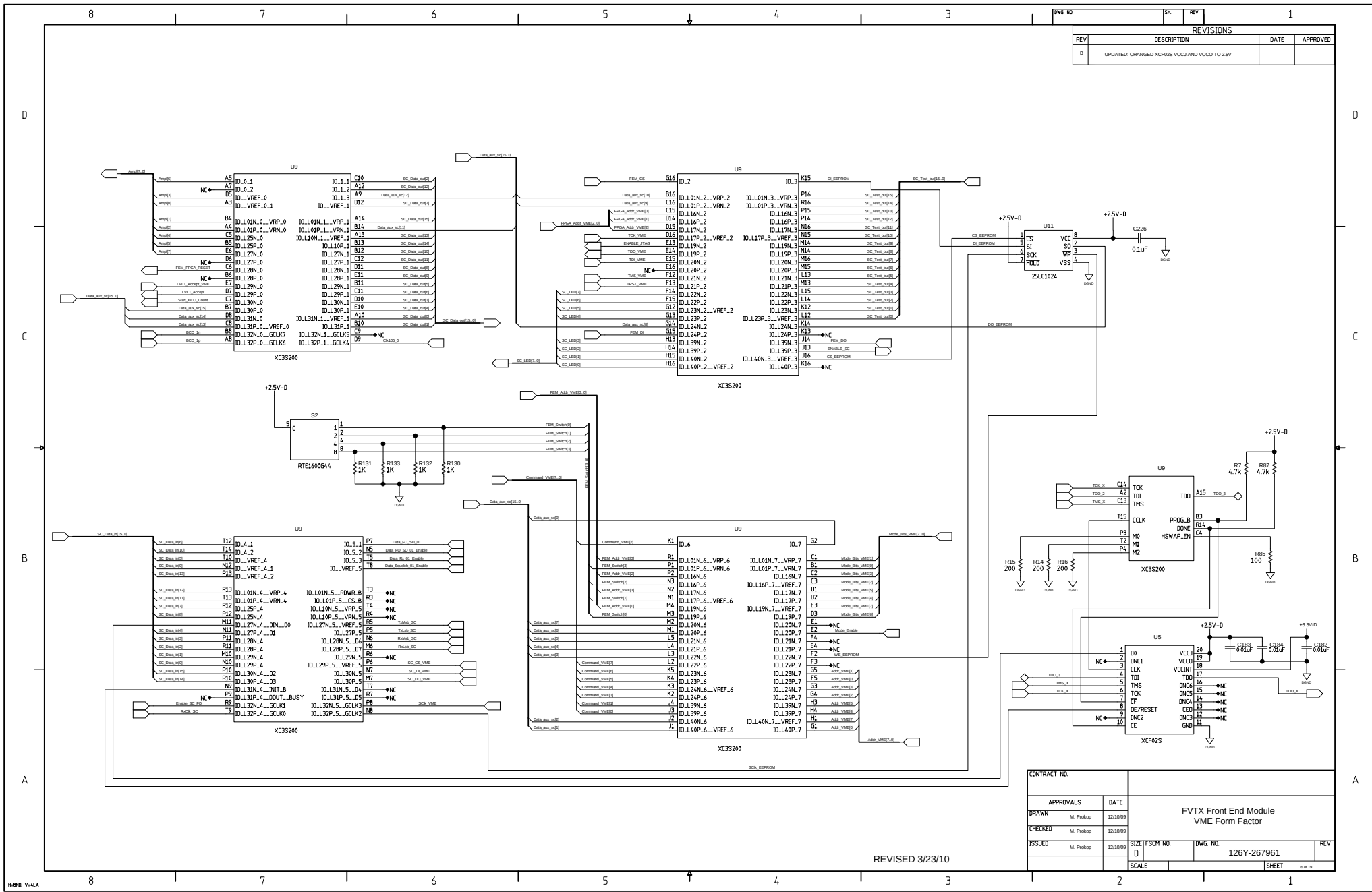
REVISED 4/5/10



DTG		PART NO DRAWING NO.		DESCRIPTION OF DRAWING		REVISION DESCRIPTION		DATE	
PART LIST/BILL OF MATERIAL									
DRAWING LEVEL		VIEW & CONTINUATION WG2004				LOS ALAMOS			
UNCLASSIFIED		LOS SYSTEM & I/O				LOS ALAMOS, NEW MEXICO 87540			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
		TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS INCHES FRACTIONS DECIMALS							
		UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS INCHES FRACTIONS DECIMALS							
		UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS INCHES FRACTIONS DECIMALS							
NEXT ASSEMBLY		USED IN		APPROVALS		DATE		GROUP	
				DESIGNED		M. Phipps		5/20/87 ACT-695	
				DRAWN		M. Phipps		5/20/87 ACT-695	
				CHECKED		M. Phipps		5/20/87 ACT-695	
				ENGINEERING		M. Phipps		5/20/87 ACT-695	
				CONVEYED		M. Phipps		5/20/87 ACT-695	
				APPROVED		M. Phipps		5/20/87 ACT-695	
ADDITIONAL DATA		SEE E SCHEMATIC DRAWING NO. 126Y-267961 NONE							
PAGE 2 OF 2		PAGE 2 OF 2							



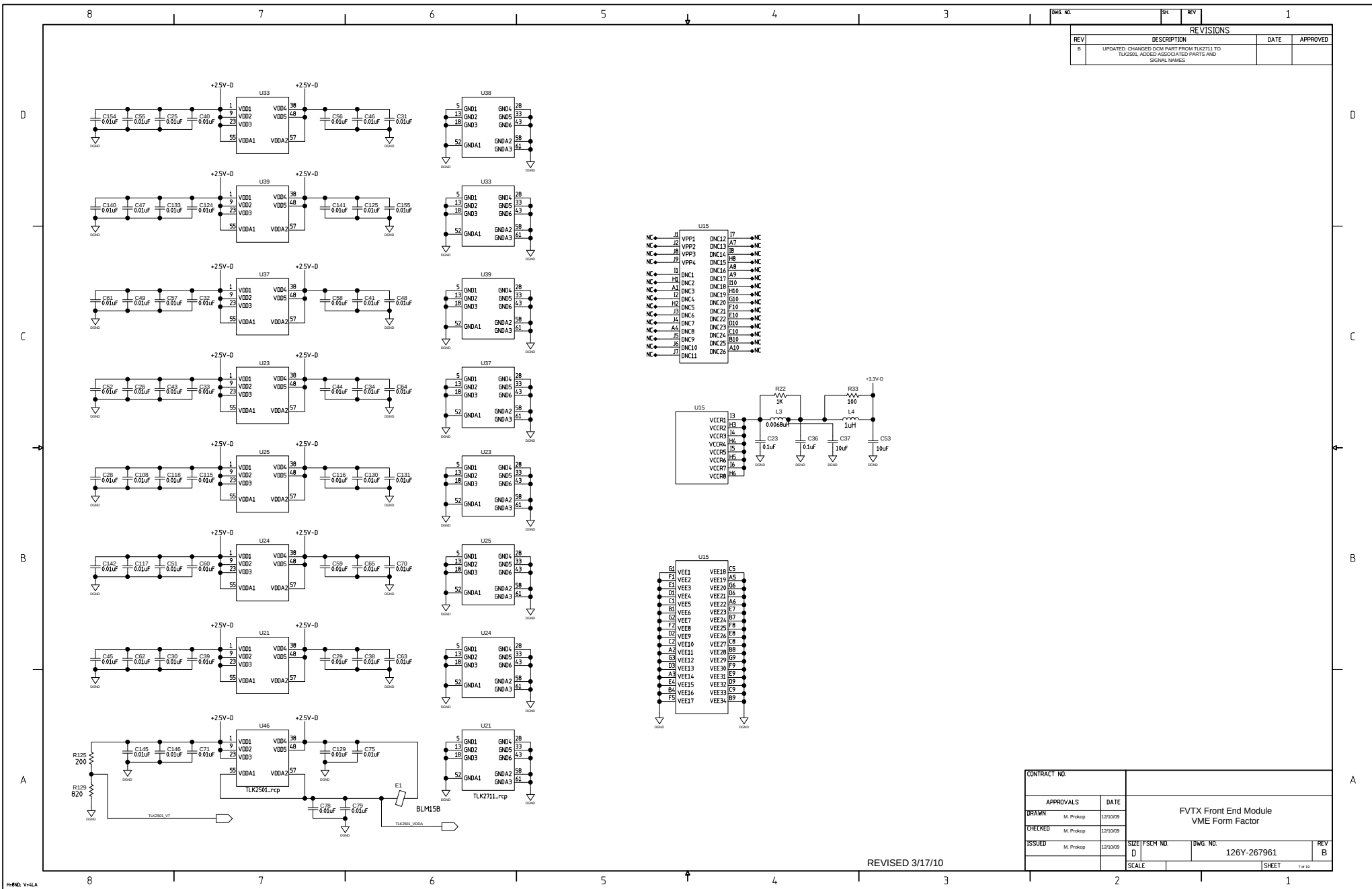


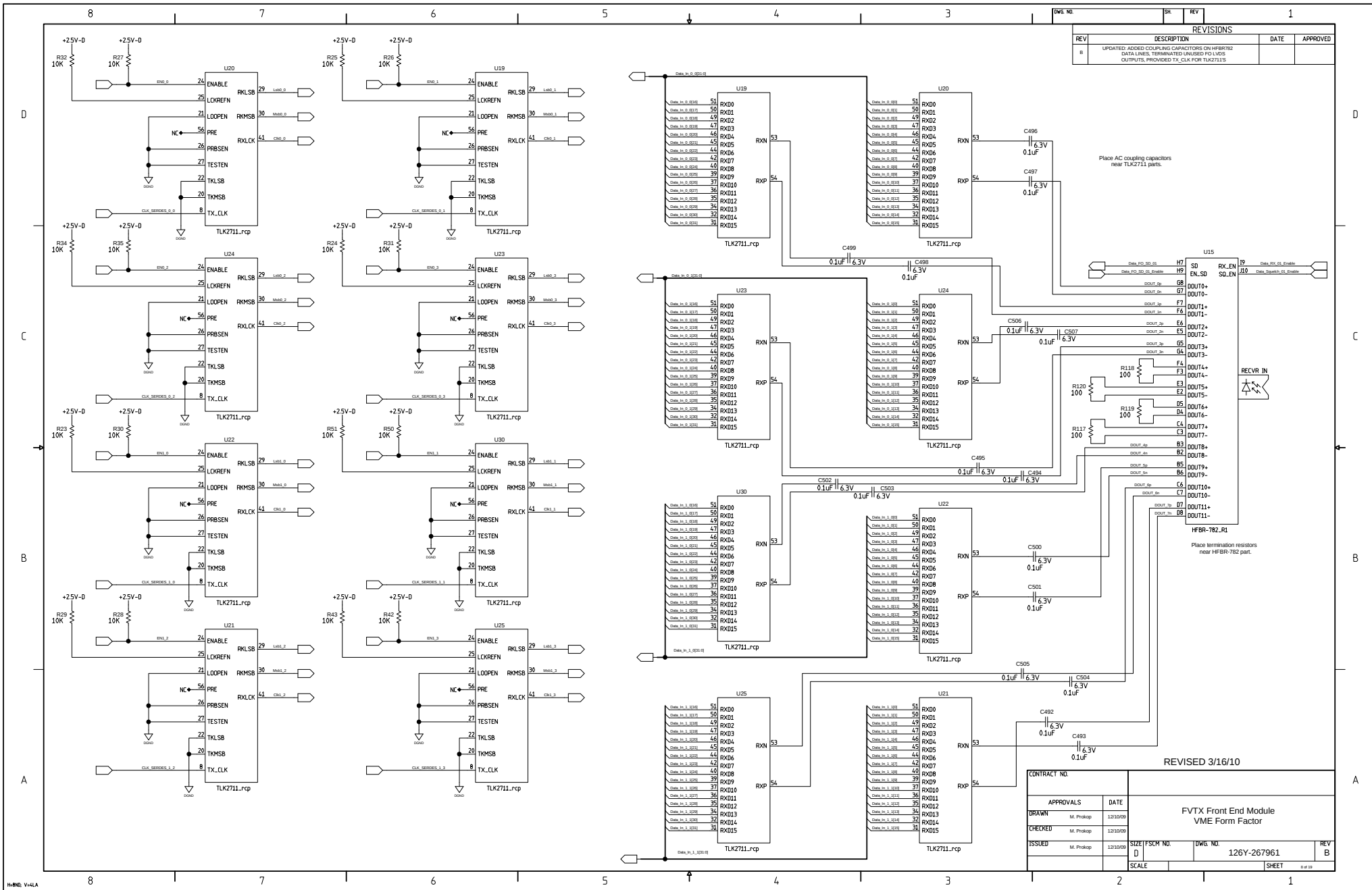


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	UPDATED: CHANGED XC9502S VCCJ AND VCCO TO 2.5V		

CONTRACT NO.		FVTX Front End Module VME Form Factor	
APPROVALS	DATE	SIZE	FSM NO.
DRAWN	M. Prokop	12/10/09	0
CHECKED	M. Prokop	12/10/09	
ISSUED	M. Prokop	12/10/09	
SCALE		DWG. NO.	126Y-267961
		SHEET	6 of 28

REVISED 3/23/10



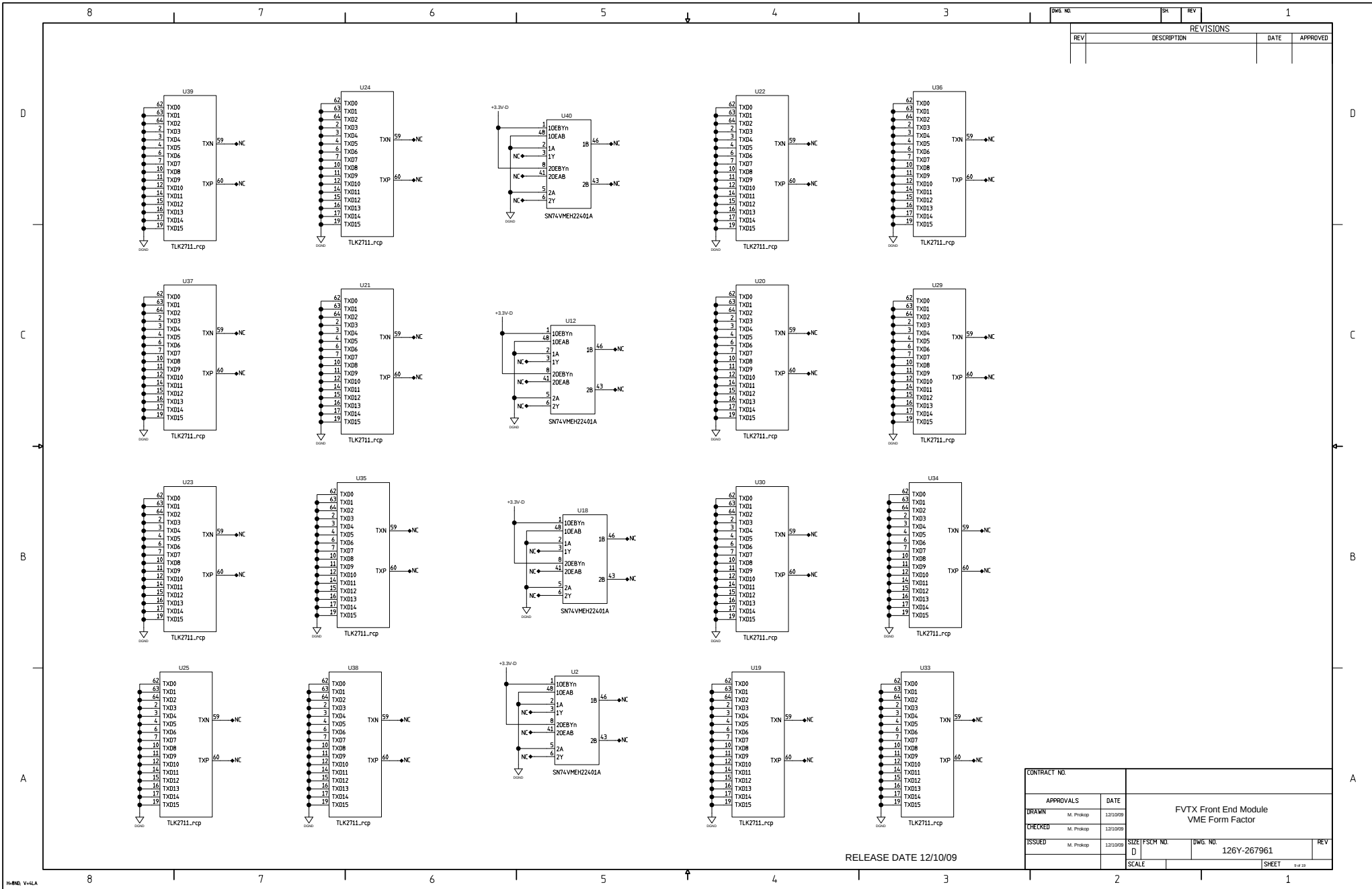


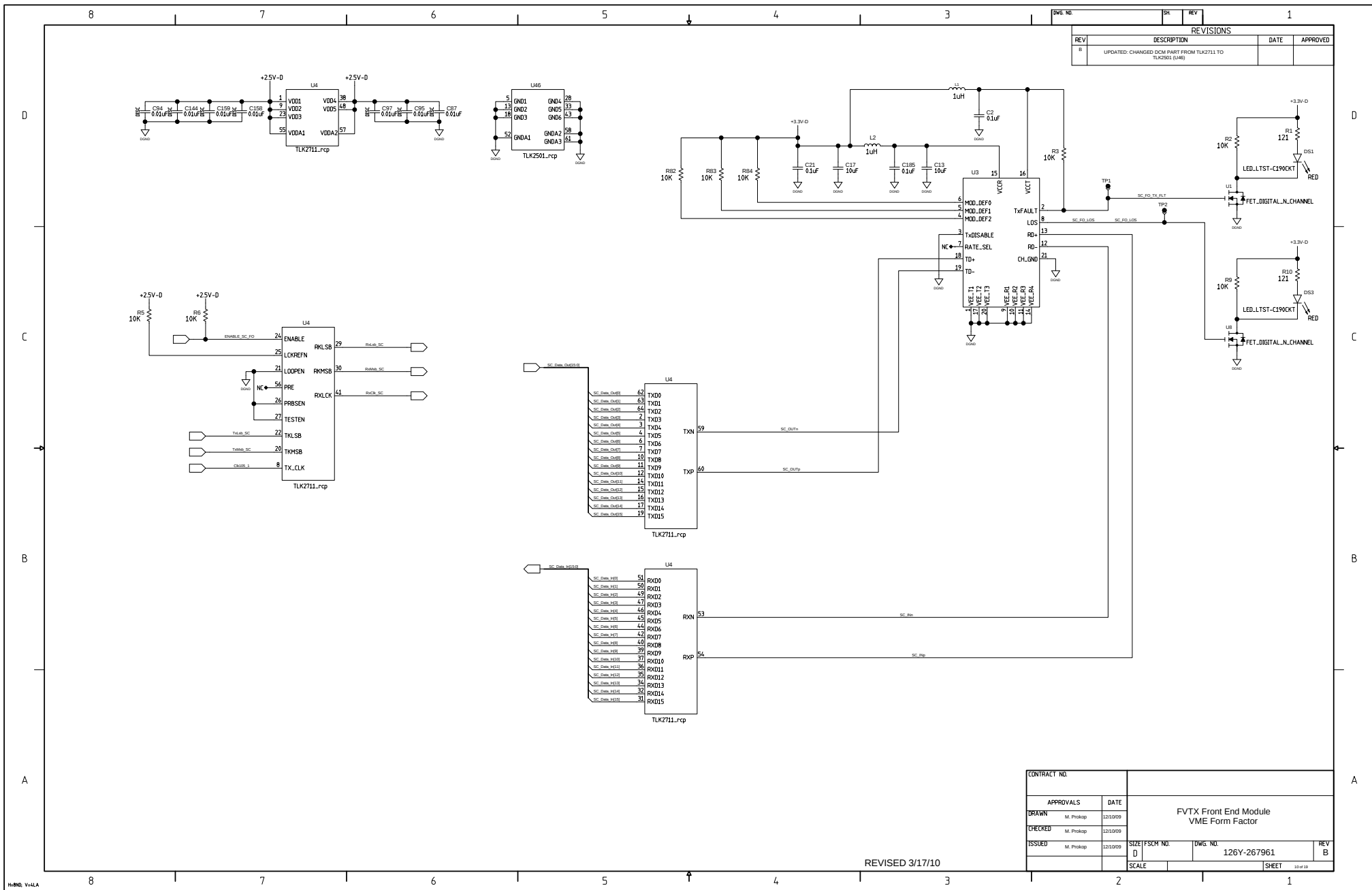
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	UPDATED: ADDED COUPLING CAPACITORS ON HFBR782 DATA LINES, TERMINATED UNUSED TO LVIDS OUTPUTS, PROVIDED TX_CLK FOR TLK2711S		

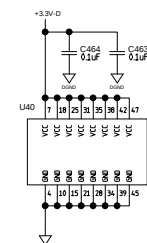
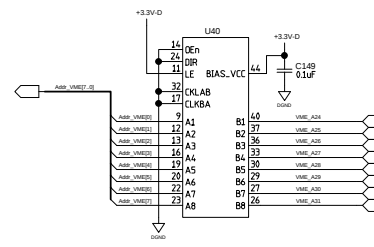
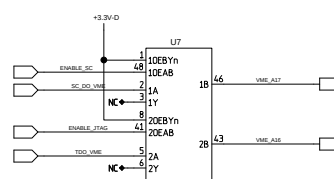
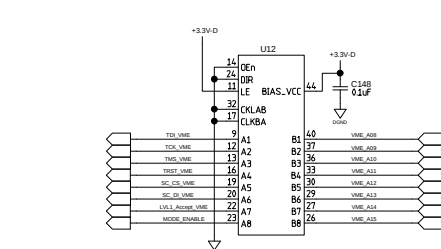
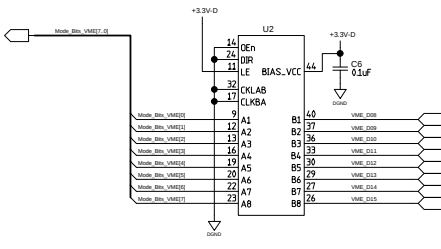
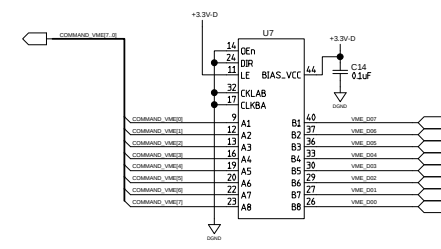
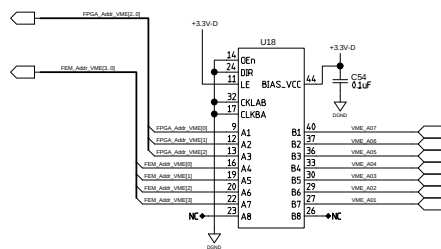
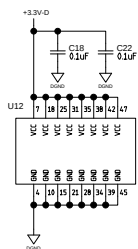
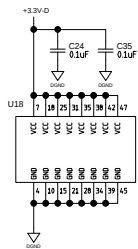
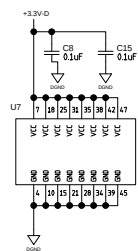
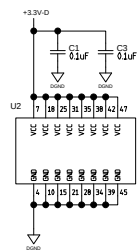
CONTRACT NO.		DATE	
DRAWN		M. Pradeep	
CHECKED		M. Pradeep	
ISSUED		M. Pradeep	
SIZE		FSCM NO.	
SCALE		DWS NO.	
		126V-267961	
		REV B	

REVISED 3/16/10

FVTX Front End Module VME Form Factor

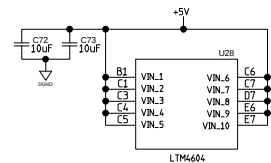
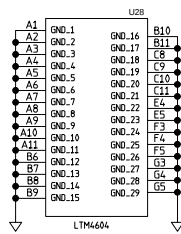
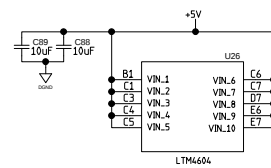
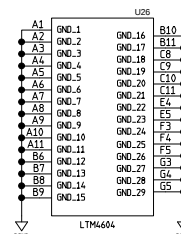
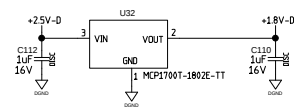




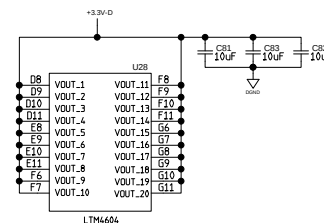
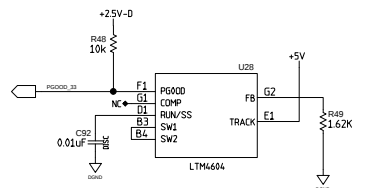
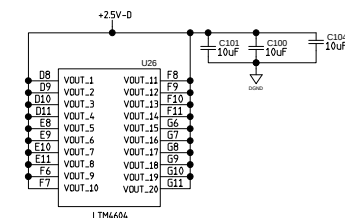
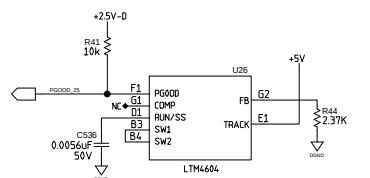


DWG. NO.	SH.	REV	1	
REVISIONS				
REV	DESCRIPTION	DATE	APPROVED	

CONTRACT NO.			
APPROVALS	DATE	FVTX Front End Module VME Form Factor	
DRAWN M. Prokop	12/10/09		
CHECKED M. Prokop	12/10/09		
ISSUED M. Prokop	12/10/09		
SIZE/FSCM NO.		DWG. NO.	REV.
D		126Y-267961	
SCALE		SHEET	11 of 13

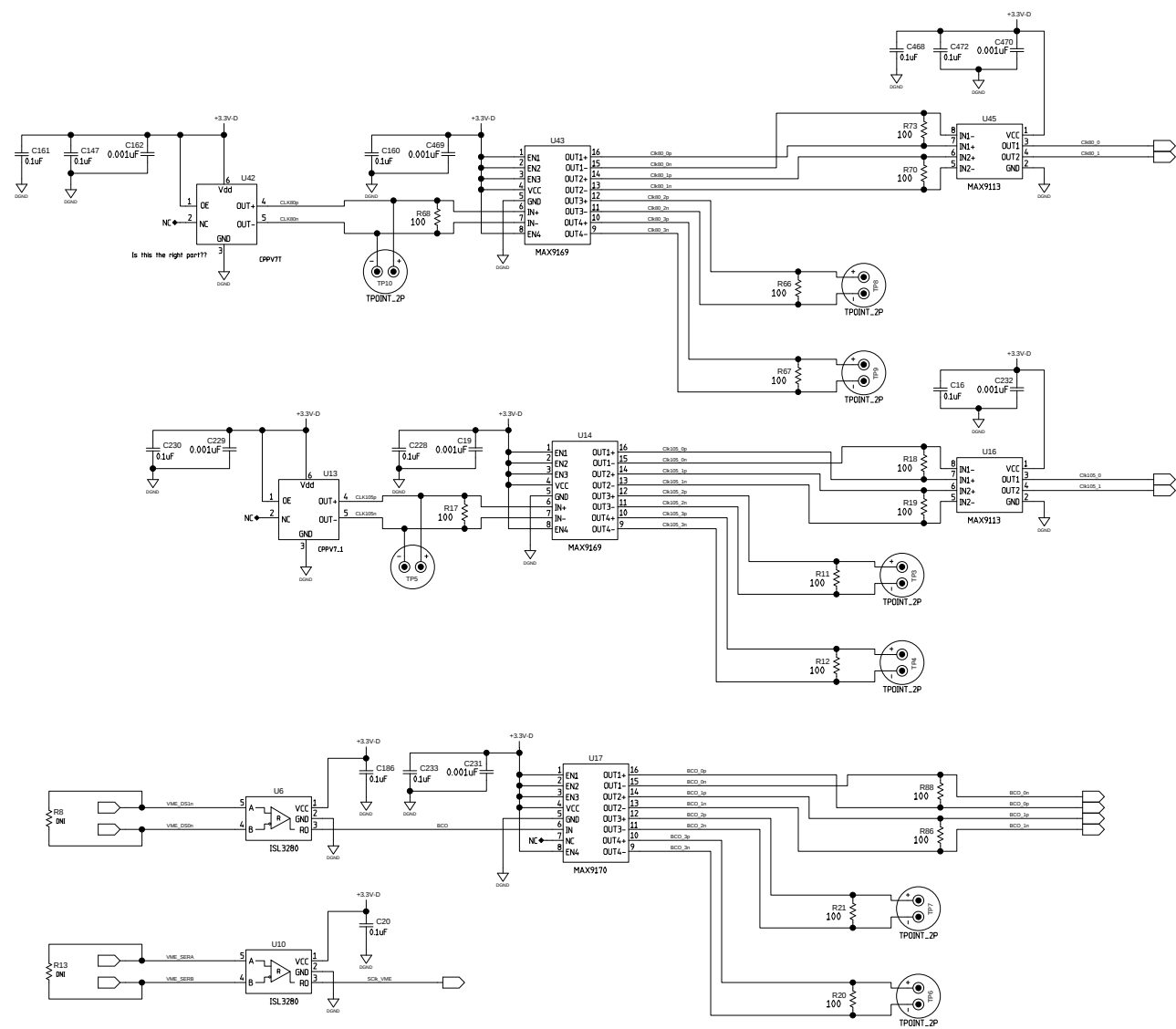


S. NO.		SH	REV	1	
REVISIONS					
REV	DESCRIPTION			DATE	APPROVED
B	UPDATED: CORRECTED U26, U28 POWER, CHANGED 2.5V TRACKING AND SOFT-START				



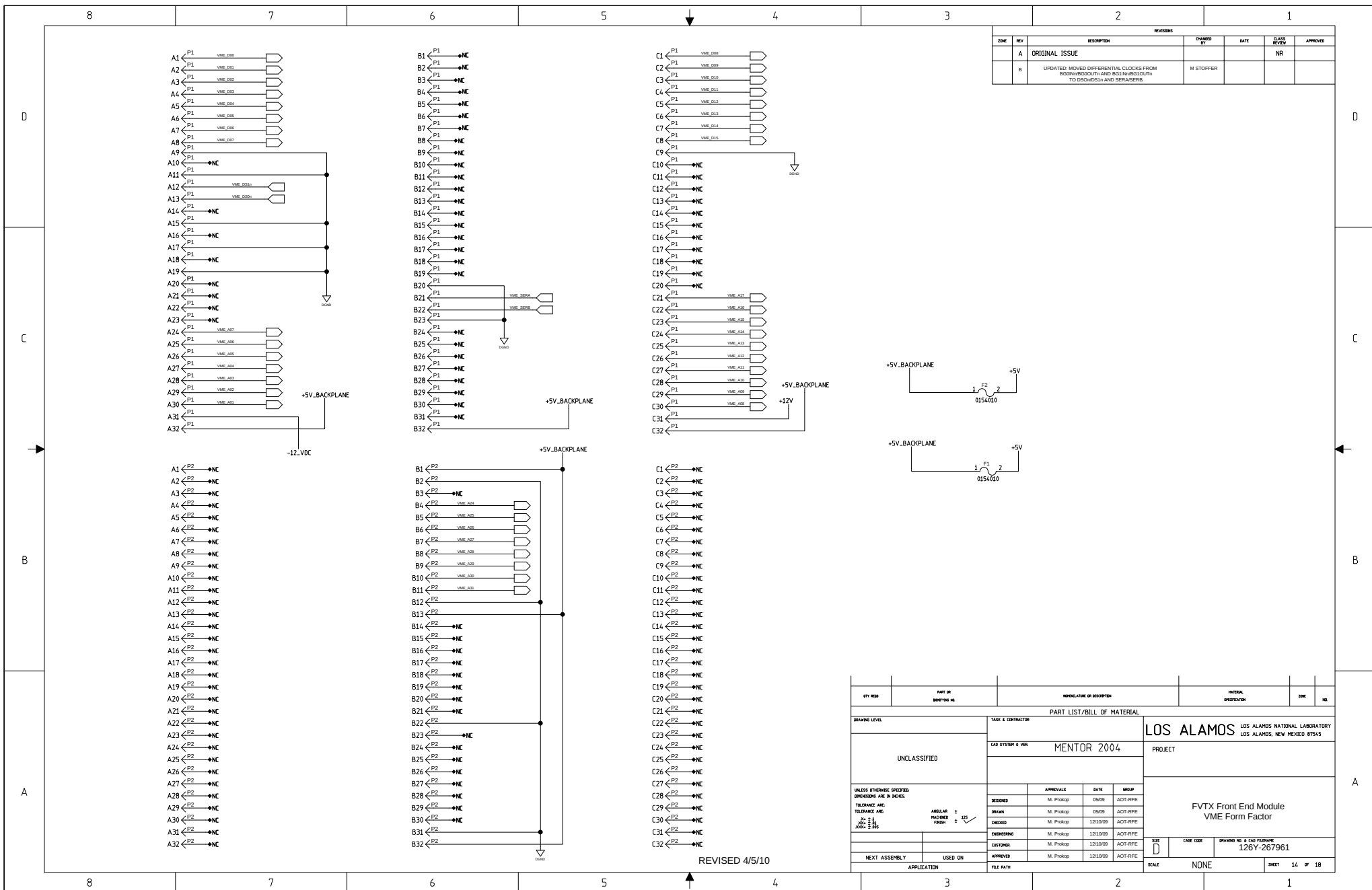
CONTRACT NO.					
APPROVALS		DATE		FVTX Front End Module VME Form Factor	
DRAWN	M. Prinsop	12/12/09			
CHECKED	M. Prinsop	12/12/09			
ISSUED	M. Prinsop	12/12/09			
		SIZE/FSCM NO.		DWG. NO.	
		D		126Y-267961	
		SCALE		SHEET 12 of 30	

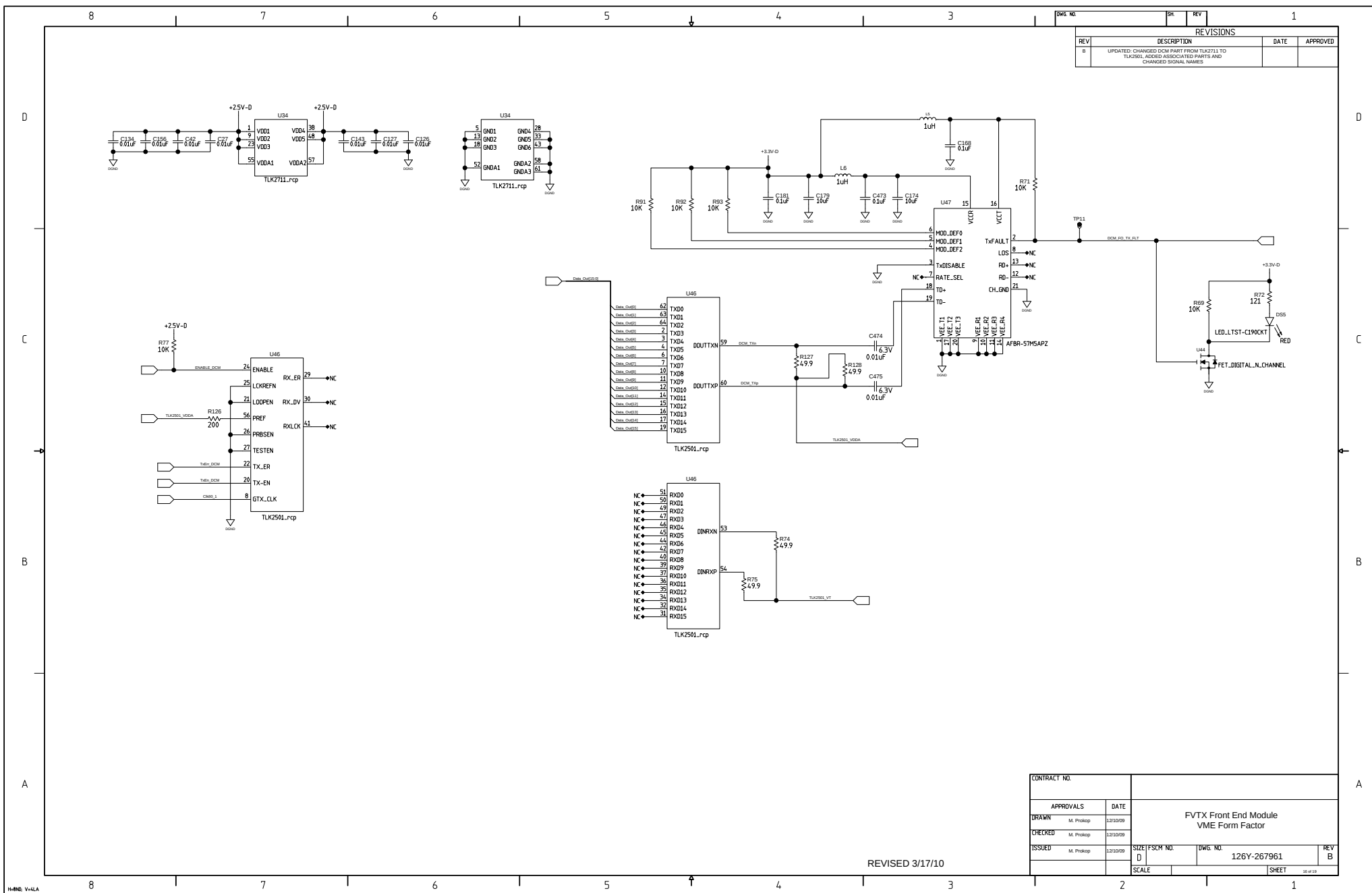
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	UPDATED: CHANGED DIFFERENTIAL CLOCKS FROM BGINVBSGOUTH AND BGINVBSGOUTH TO BSGINBSGOUTH AND BSGINBSGOUTH		

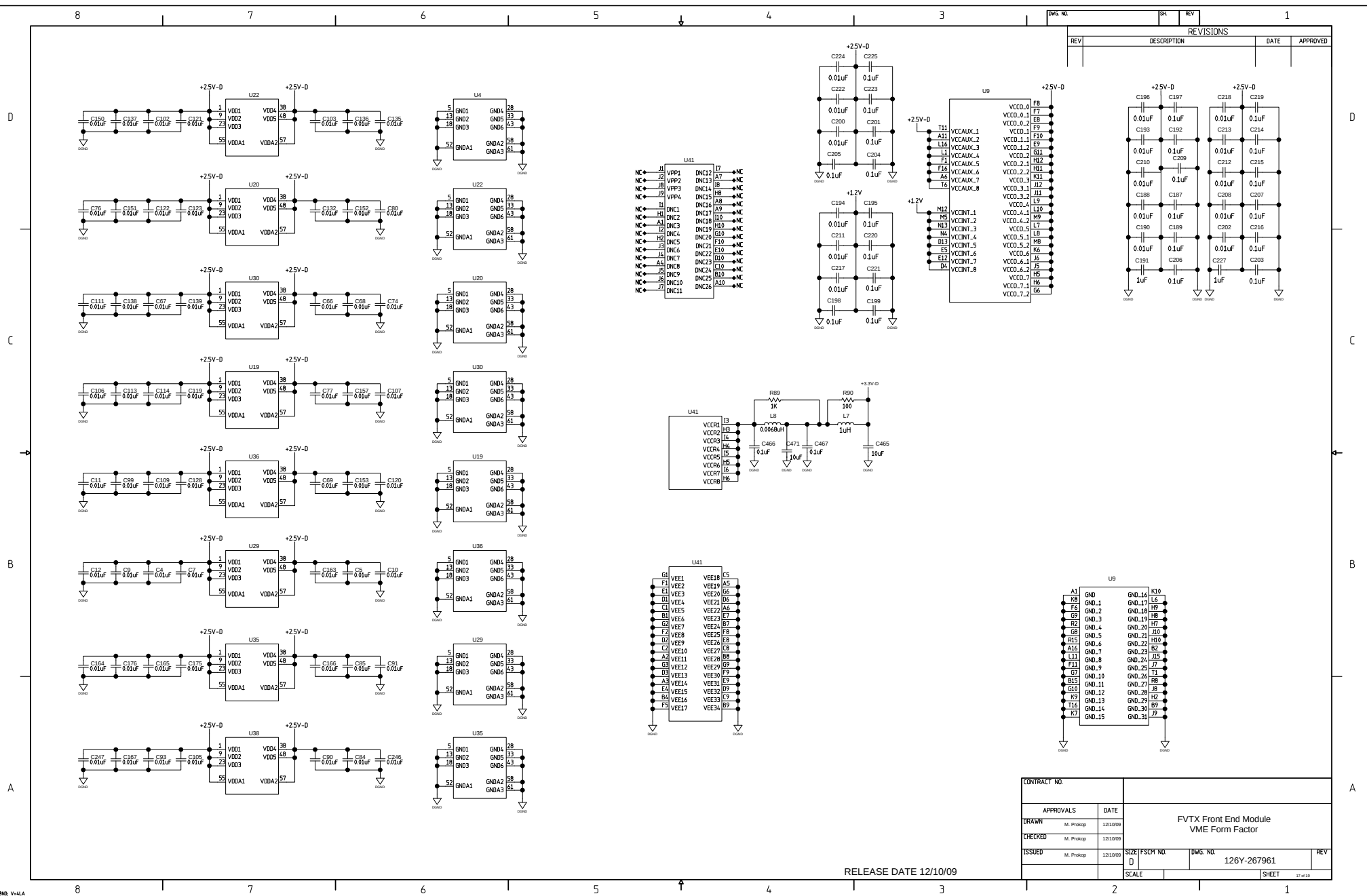


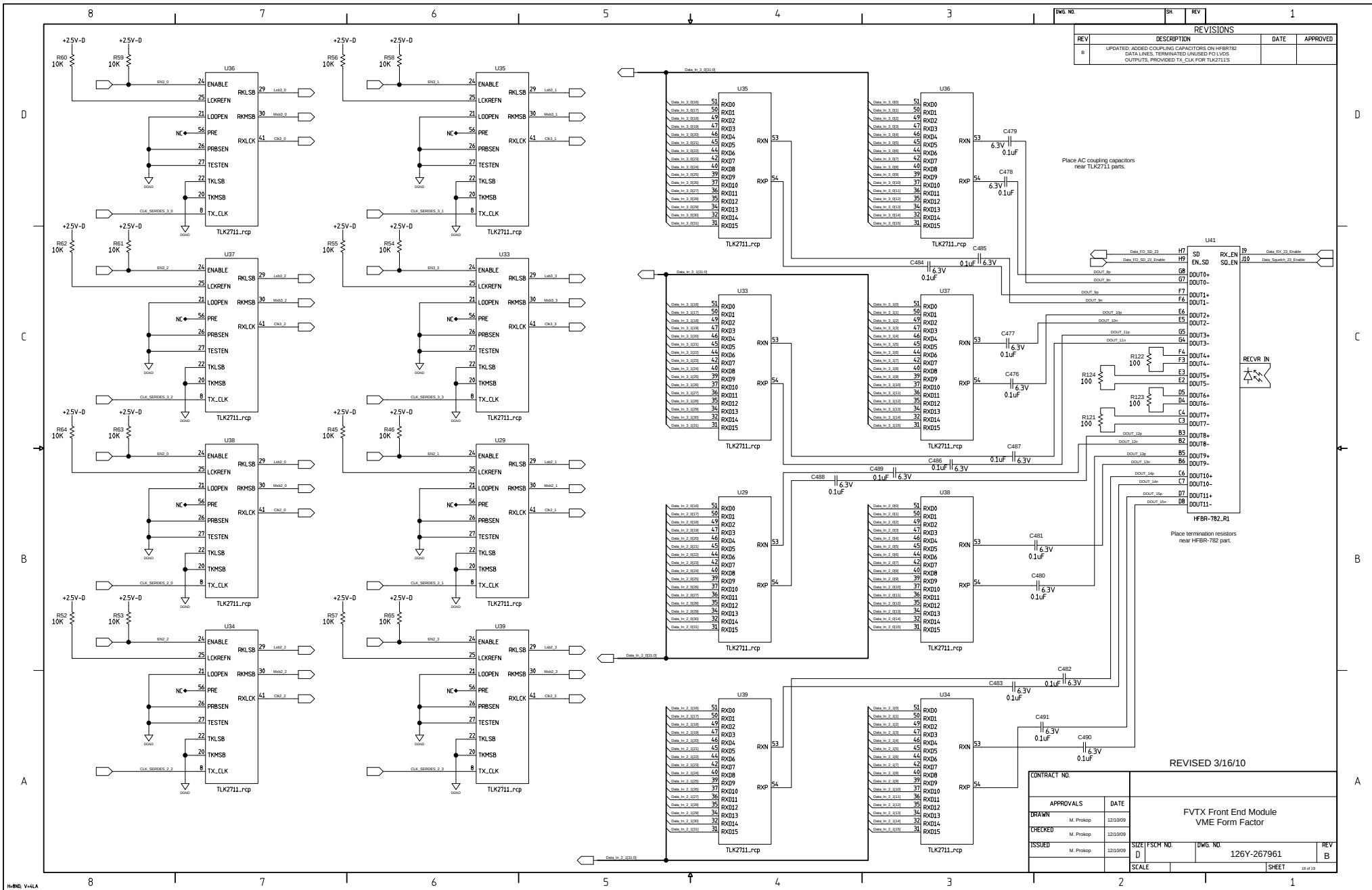
CONTRACT NO.		APPROVALS		DATE	
DRAWN		M. Prokop		12/10/09	
CHECKED		M. Prokop		12/10/09	
ISSUED		M. Prokop		12/10/09	
SCALE		SIZE / FSCM NO.		DWG. NO.	
		D		126Y-267961	
		SHEET		13 of 13	

REVISED 4/5/10









REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	UPDATED: ADDED COUPLING CAPACITORS ON HFBR782 DATA LINES, TERMINATED UNUSED PDIOS OUTPUTS, PROVIDED TX_CLK FOR TLK2711S.		

CONTRACT NO.		DATE	
APPROVALS		DATE	
DRAWN	M. Prokop	12/10/09	
CHECKED	M. Prokop	12/10/09	
ISSUED	M. Prokop	12/10/09	
SIZE / FSCM NO.		DWS NO.	
D		126V-267961	
SCALE		SHEET	
		18 of 18	

REVISED 3/16/10

FVTX Front End Module
VME Form Factor

