

C1032 ARC INTERFACE
 ADDRESS ADB(0:8)
 DATA DB(0:8)
 IOSEL
 R/W
 LANIRO
 DIR
 CPUST

(REF.*1032ARC.SCH*)

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R. FLOOD
		DATE	1-21-91
FRACTIONS	DECIMALS	ANGLES	DRAWN
1	1	1	G.M.DYCHE
		CHECKED	
		APPROVED	
1. BREAK ALL SHARP EDGES 1/64 MIN		USED ON	
2. DO NOT SCALE DIM.			
3. DIMENSIONS IN ACCORD WITH ANSI 11.4.5 STD #.			
✓ ALL MACHINED SURFACES		MATERIAL	
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
RESEARCH DIVISION EE/DEPT ARCNET INTERFACE			
SCALE	FILMED	DRAWING NUMBER	REV.
NONE		0880-EC-172993	

D

D

C

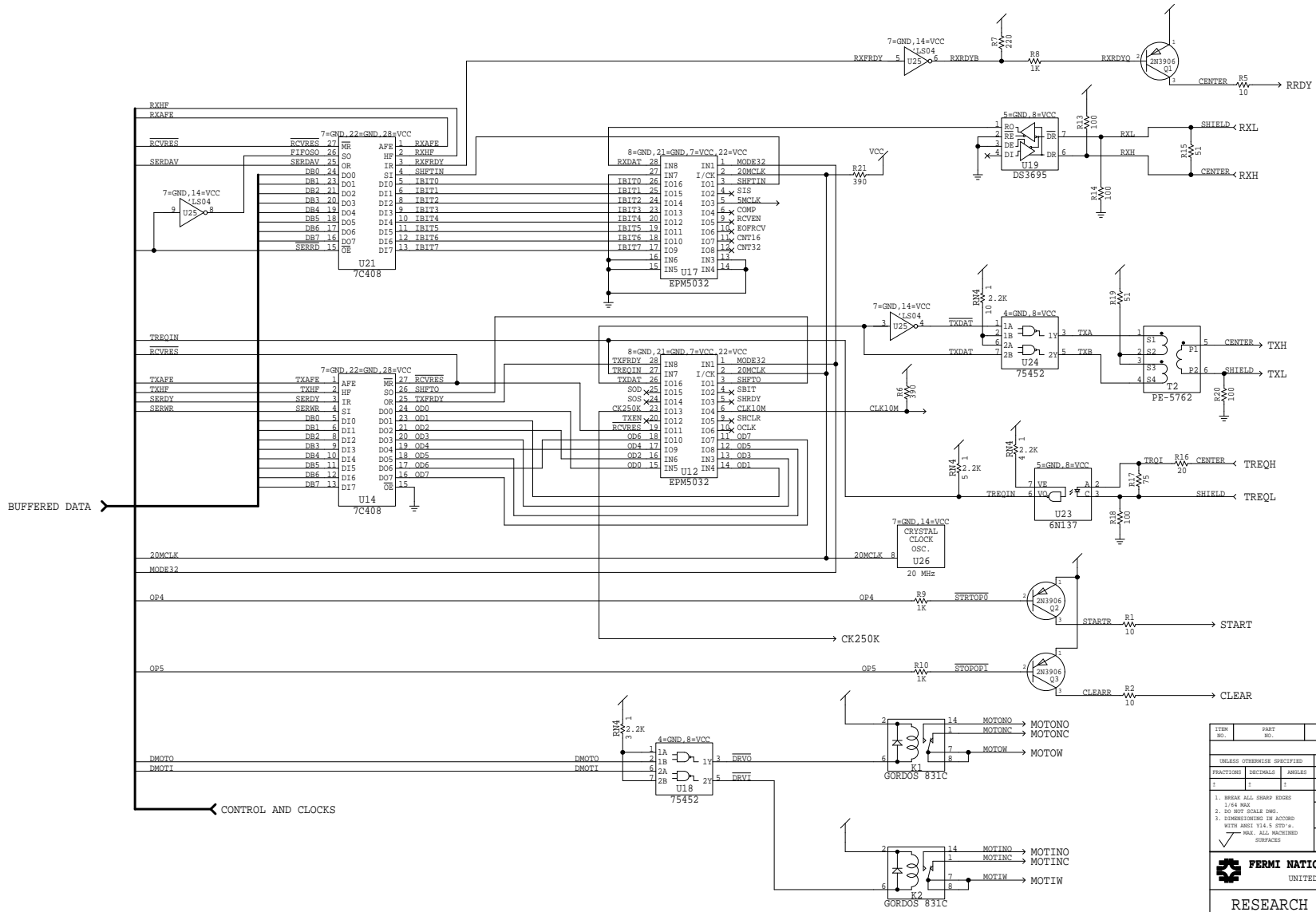
C

B

B

A

A



BLKTRN

CONTROL
20MHZ
CPURST
SERRD
SERWR
SERDY
SERDAV

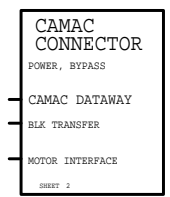
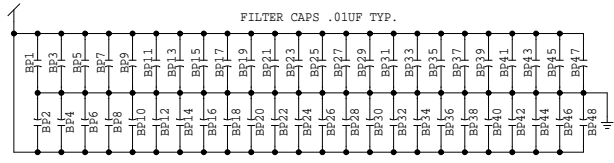
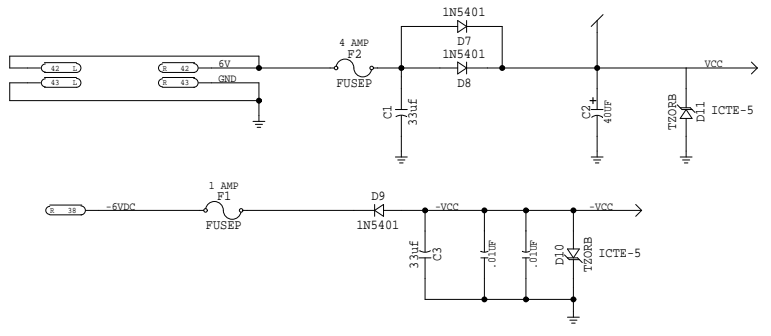
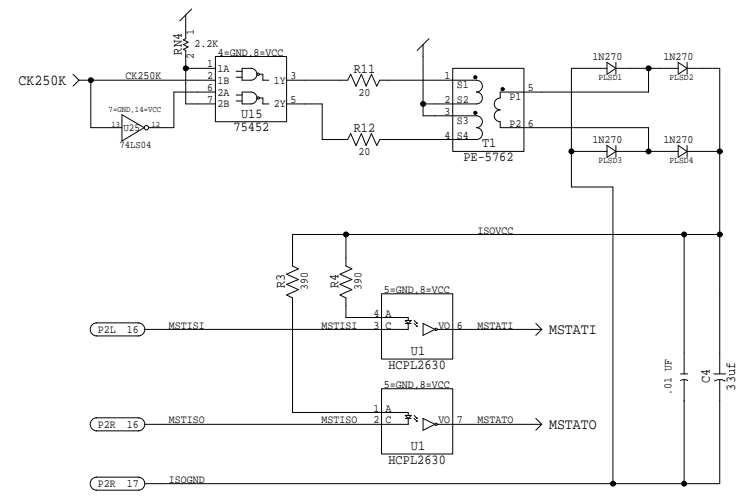
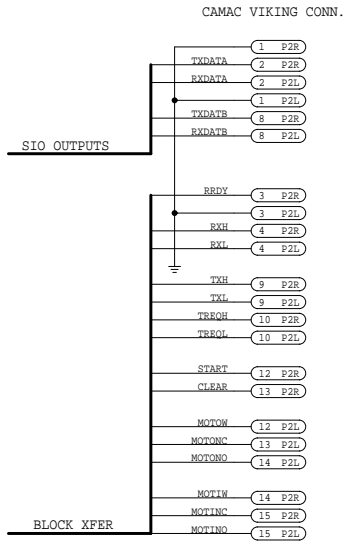
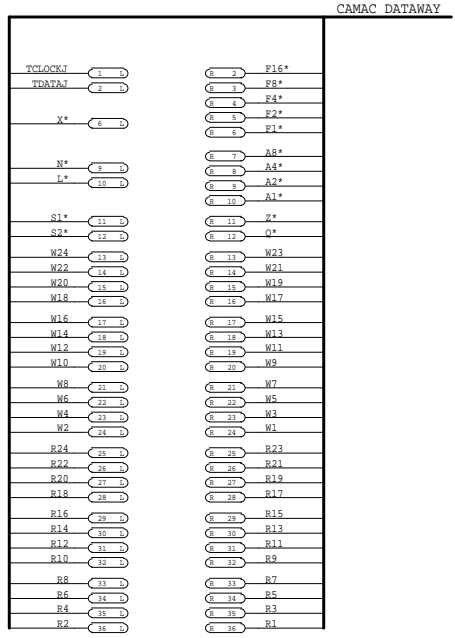
TO FRONT PANEL

DB(0-7)

REF. 1032BLK.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R. FLOOD
FRACTIONS		DESIGN	G.M. DYCHE
1	1	CHECKED	
1. BREAK ALL SHARP BENDS		APPROVED	
2. DO NOT SCALE DIM.		USED ON	
3. DIMENSIONS IN ACCORD WITH ASME Y14.5 STD-94		MATERIAL	
MAX. ALL MACHINED SURFACES			
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
RESEARCH DIVISION EE/DEPT C1032 BLOCK TRANSFER			
SCALE	FILLED	DRAWING NUMBER	REV.
		0880-EC-172993	

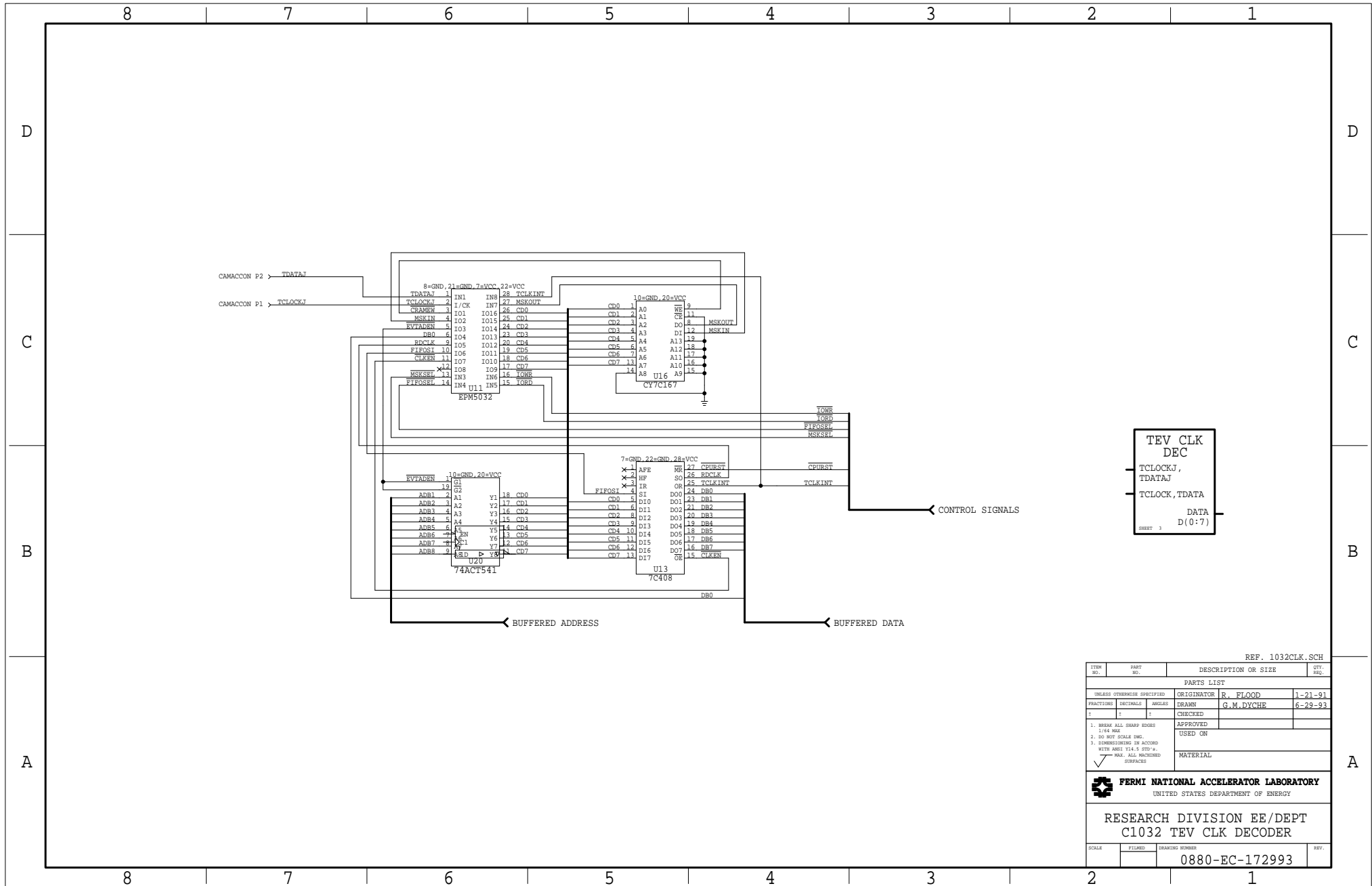
8 7 6 5 4 3 2 1



REF. 1032CMCN.SCH

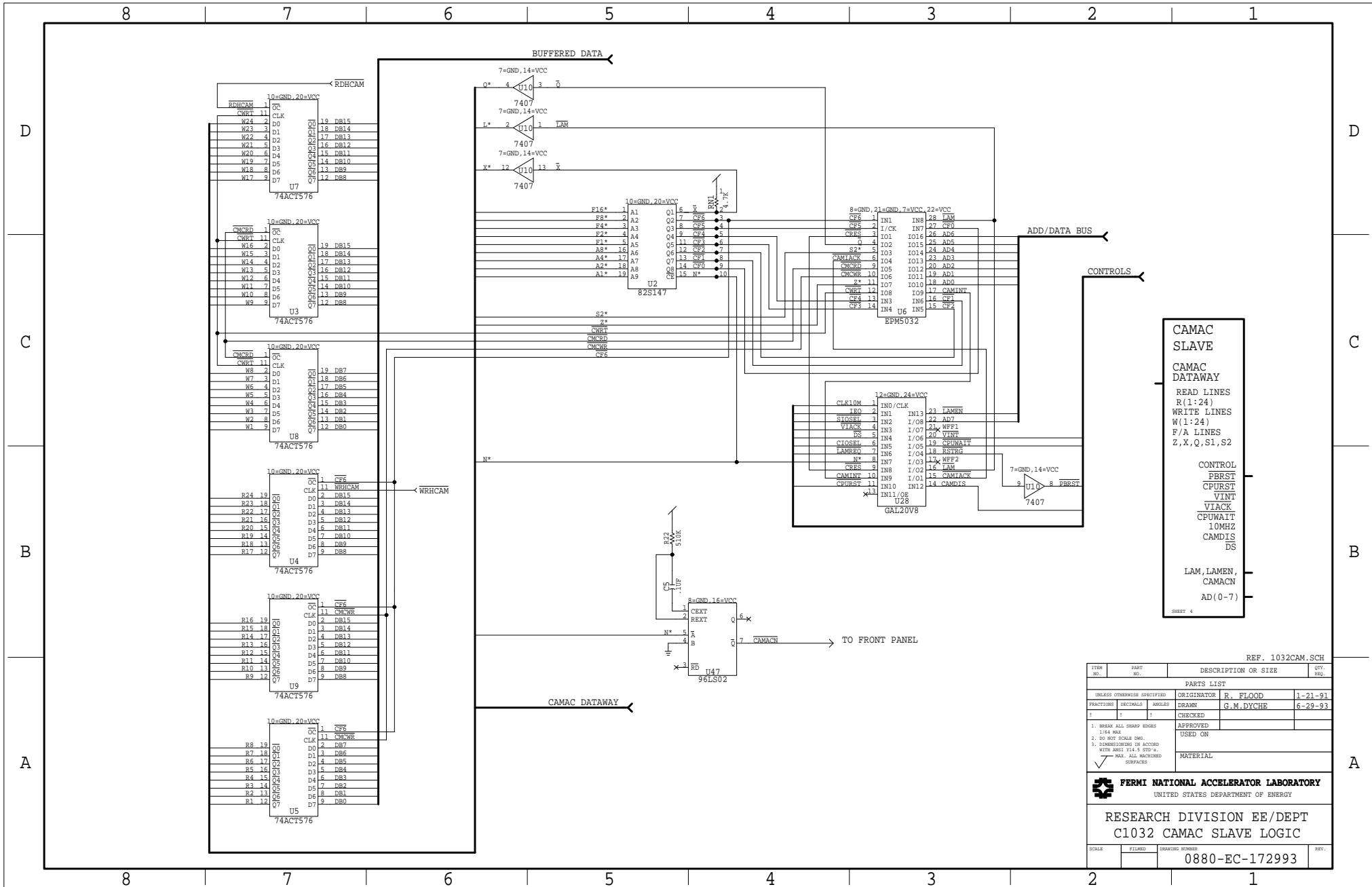
ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.	REV.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R. FLOOD	1-21-91
FRACTIONS	DECIMALS	ANGLES	DEANN	G.M.DYCHE
1	1	1	CHECKED	
1. BREAK ALL SHARP KNOTS 1/64 MAX.		APPROVED		
2. DO NOT SCALE DIM.		USED ON		
3. DIMENSIONS IN ACCORD WITH ASME Y14.5 STD-94		MATERIAL		
MAX. ALL MACHINED SURFACES				
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY				
RESEARCH DIVISION EE/DEPT 1032 CAMAC CONNECTOR				
SCALE	FILMS	DRAWING NUMBER	REV.	
		0880-EC-172993		

8 7 6 5 4 3 2 1



REF. 1032CLK.SCH

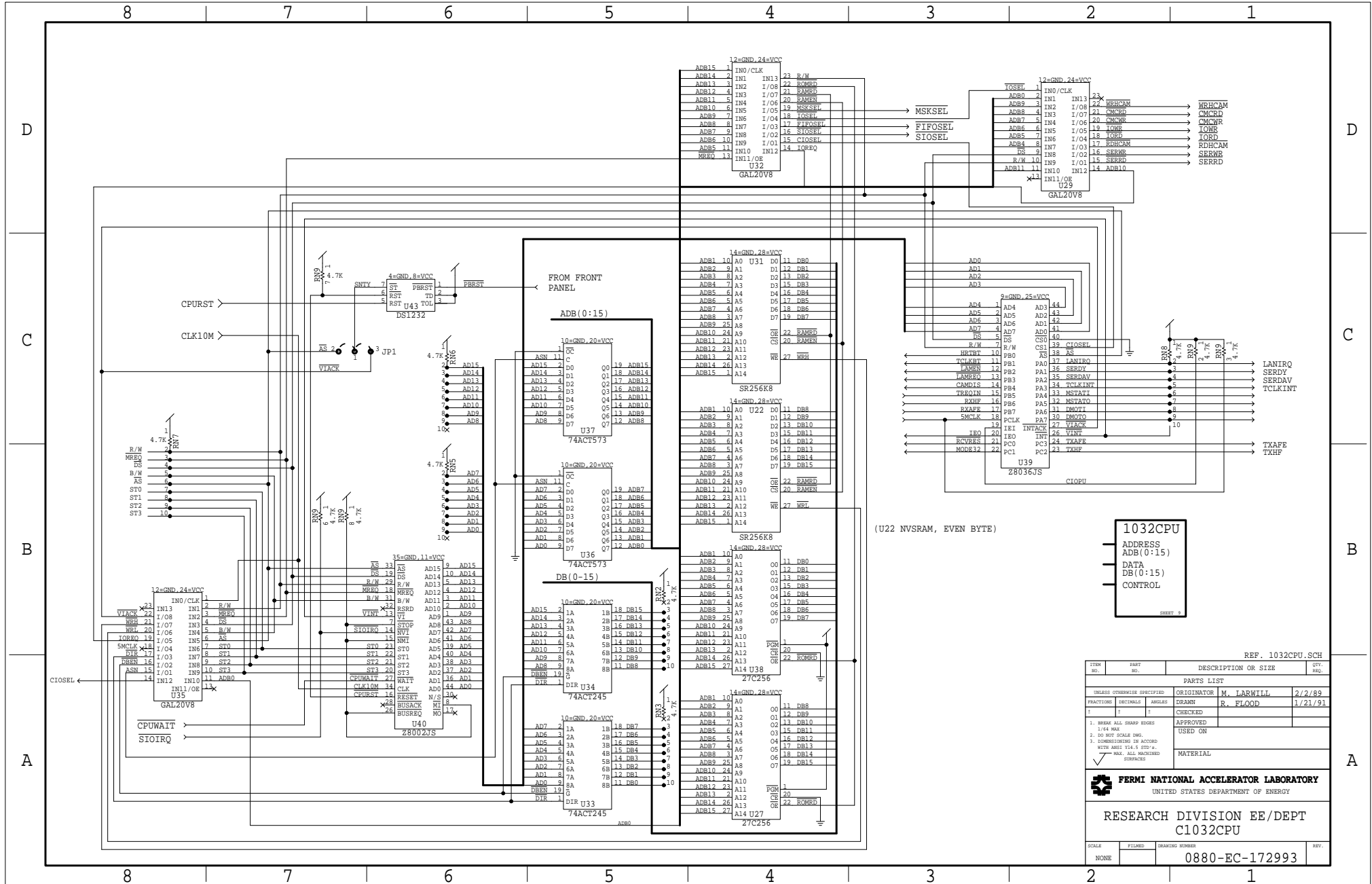
ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	R. FLOOD
		DATE	1-21-91
FRACTIONS	DECIMALS	ANGLES	DRAWN
1	1	2	G.M.DYCHE
		CHECKED	6-29-93
1. BREAK ALL SHARP EDGES 1/16 MIN		APPROVED	
2. DO NOT SCALE DIM.		USED ON	
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD. 4.		MATERIAL	
✓ MAX. ALL MACHINED SURFACES			
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
RESEARCH DIVISION EE/DEPT C1032 TEV CLK DECODER			
SCALE	FILMED	DRAWING NUMBER	REV.
		0880-EC-172993	



CAMAC SLAVE
CAMAC DATAWAY
 READ LINES
 R(1:24)
 WRITE LINES
 W(1:24)
 F/A LINES
 Z,X,Q,S1,S2
 CONTROL
 PBRST
 CPURST
 VINT
 VIACK
 CPUWAIT
 10MHZ
 CAMDIS
 DS
 LAM, LAMEN,
 CAMACN
 AD(0-7)

REF. 1032CAM.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	ORIGINATOR	R. FLOOD	1-21-91
FRACTIONS DECIMALS ANGLES	DRAWN	G.M. DYCHE	6-29-93
1	CHECKED		
1. BREAK ALL SHARP EDGES 2. DO NOT SCALE DIM. 3. DIMENSIONING IS ACCORD WITH ANSI STANDARD 4. MAX. ALL MACHINED SURFACES		APPROVED	
		USED ON	
		MATERIAL	
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
RESEARCH DIVISION EE/DEPT C1032 CAMAC SLAVE LOGIC			
SCALE	FILMED	DRAWING NUMBER	REV.
		0880-EC-172993	



1032CPU
 ADDRESS
 ADB(0:15)
 DATA
 DB(0:15)
 CONTROL

REF. 1032CPU.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	ORIGINATOR	M. LARWILL	2/2/89
FRANCHISE	REVISED	R. FLOOD	1/21/91
1	1	CHECKED	
1. BRUSH ALL SHARP CORNERS			
2. DO NOT SCALE DIMS.			
3. DIMENSIONS IN ACCORD WITH ANSI Y14.5 STD.			
4. ALL DIMS. ARE INDICATED SURFACES			
MATERIAL			
USED ON			
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
RESEARCH DIVISION EE/DEPT C1032CPU			
SCALE	PAPER	DRAWING NUMBER	REV.
NONE		0880-EC-172993	

8 7 6 5 4 3 2 1

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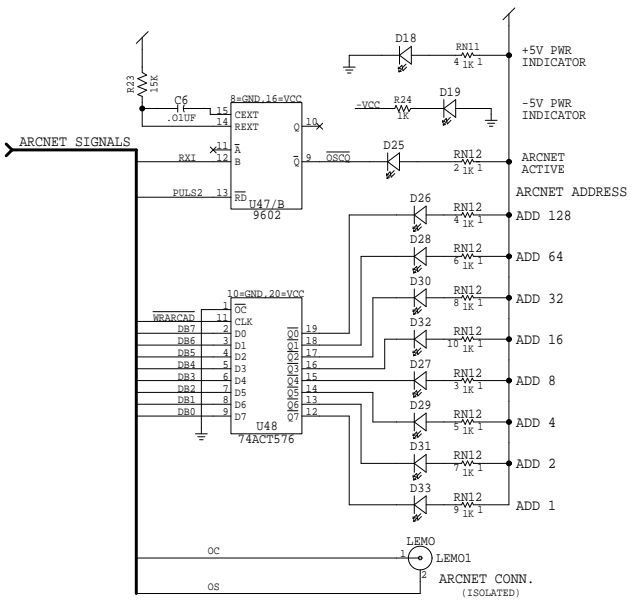
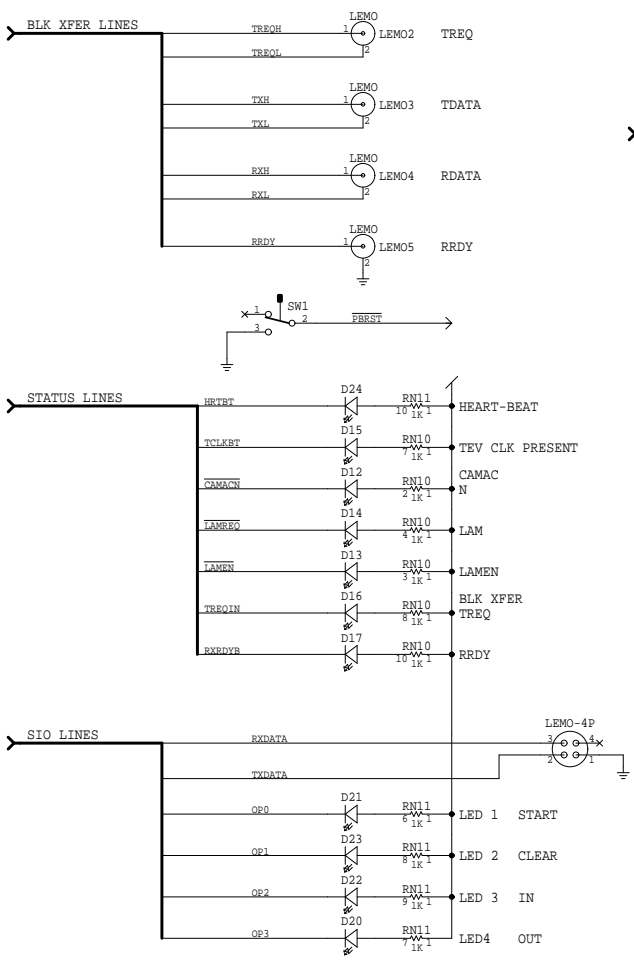
C

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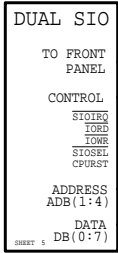
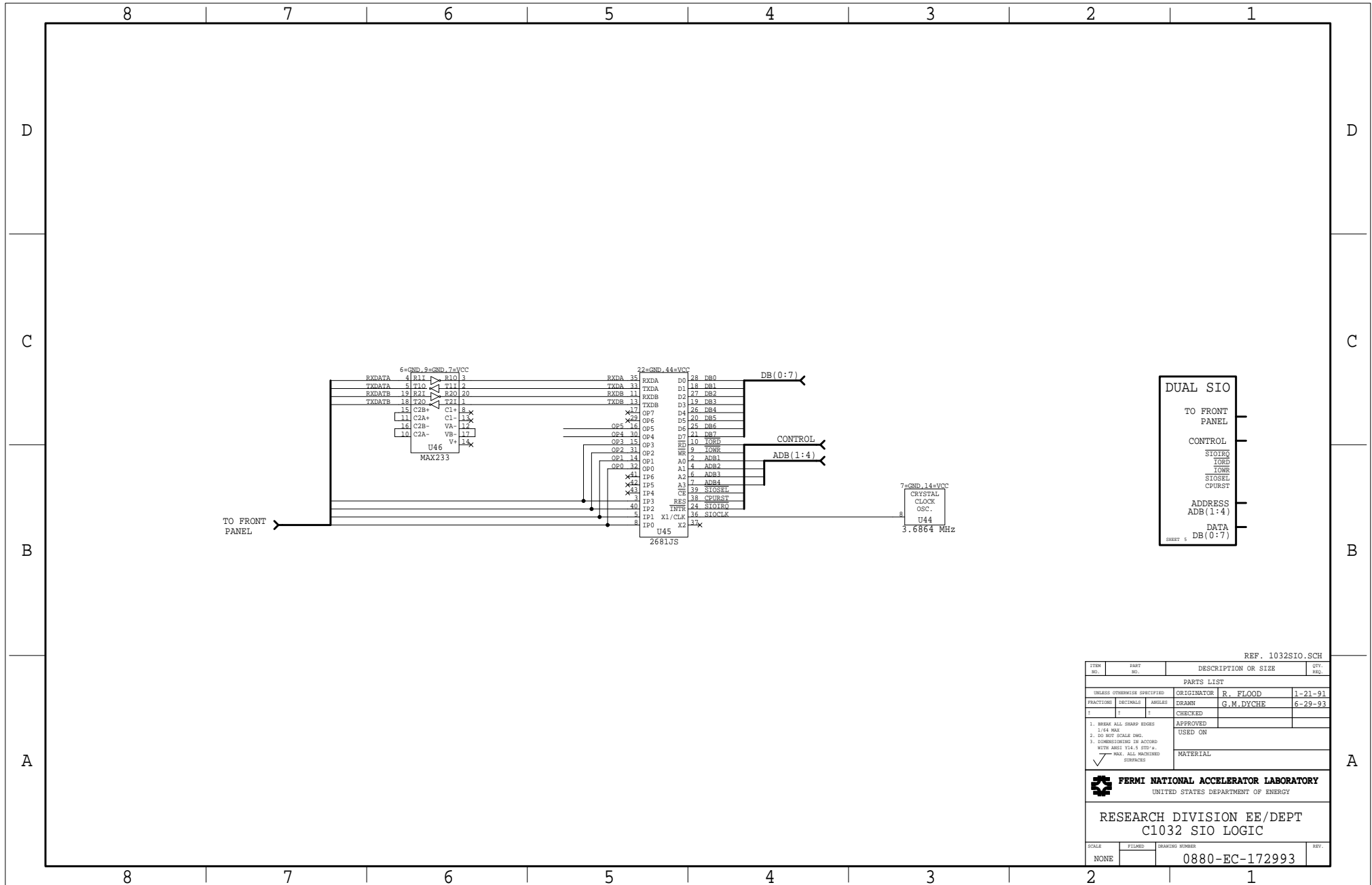


C1032 FRONT PANEL
 (OP0-3) (TXDATA) (EXDATA) (PBRST) (PWR) (CAMACN) (LAM) (LAMEN) (HEART) (TCLK)

NOTE: ALL LEADS ARE HI-EFFIC. (L.E.D. BRAND 21/22-PCT)

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	1-21-91
FRACTIONS	DECIMALS	DESIGN	G.M.DYCHE 6-29-93
1	1	CHECKED	
1. BRASS ALL SHARP EDGES 1/64 MAX		APPROVED	
2. DO NOT SCALE DIMS		USED ON	
3. DIMENSIONS IN ACCORD WITH ANSI Y14.5 STD-4		MATERIAL	
✓ MAX. ALL MACHINED SURFACES			
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
RESEARCH DIVISION EE/DEPT C1032 FRONT PANEL			
SCALE	FILMED	DRAWING NUMBER	REV.
NONE		0880-EC-172993	

8 7 6 5 4 3 2 1



REF. 1032SIO.SCH

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.	REV.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	ORIGINATOR	R. FLOOD		1-21-91
FRACTIONS DECIMALS ANGLES	DRAWN	G.M. DYCHE		6-29-93
1' 1' 1'	CHECKED			
1. BREAK ALL SHARP RECES		APPROVED		
2. 1/64 MIN.		USED ON		
3. DIMENSIONING IS ACCORD				
WITH UNLESS TIL 5 REV. 4.		MATERIAL		
✓ MAX. ALL MACHINED SURFACES				
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY				
RESEARCH DIVISION EE/DEPT C1032 SIO LOGIC				
SCALE	FILMED	DRAWING NUMBER		REV.
NONE		0880-EC-172993		