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FIELD MAINTENANCE PRINT SET

K-TC-CXY08-0-0	TABLE OF CONTENTS FIELD MAINTENANCE PRINT SET
K-DD-CXY08-0-0	CXY08 8 LINE ASYNC MUX DRG DIR
K-PL-CXY08-0-DBP	CXY08 8 LINE ASYNC MUX PARTS LIST
K-DD-M3119-0-0	M3119 DRAWING DIRECTORY
K-PL-M3119-0-DBP	M3119 PARTS LIST
K-UA-M3119-1-0	M3119 UNIT ASSEMBLY
K-CS-M3119-0-0	M3119 CIRCUIT SCHEMATIC
K-DD-5018096-0-0	ETCHED CIRCUIT BOARD DRAWING DIRECTORY
K-MD-5018096-0-0	MANUFACTURING DRAWING
K-EC-5018096-0-0	ETCH CUT DRAWING
K-PL-7024314-0-DBP	CXY08 CABLE CONC. PARTS LIST
K-PL-7024505-0-DBP	FILLER KIT PARTS LIST

VARIATIONS
COVERED BY THIS

CXY08-M
CXY08-AA
CXY08-AF

FIELD MAINTENANCE
PRINT SET

DIGITAL EQUIPMENT
CORPORATION

PRINT SET PART NUMBER MP - 02382

DRN. J.O'CALLAGHAN
DATE 30-MAR-87

CHK'D. P.DAMPIER
DATE: 30-MAR-87

DES.ENG. T. CREEDON
DATE: 30-MAR-87

RS.ENG.J.O'CALLAGHAN
DATE: 30-MAR-87

FIELD
SERVICE B. EDWARDS
DATE: 30-MAR-87

TITLE

CXY08
FIELD MAINTENANCE
PRINT SET

REV. ECO NUMBER DATE

DESIGN SITE : KLO

FILE NAME: CXY08ATC01.LST

SIZE CODE DOCUMENT NUMBER REV
K TC CXY08-0-0 A

SHEET 1 OF 1

EDIT # 2

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DRAWING DIRECTORY

UNIT VARIATIONS

VARIATION

TITLE

CXY08-M

M3119-YA

CXY08-AA

CXY08-M ,CABLE CONN. (70-24314-01)

CXY08-AF

CXY08-M ,CABLE CONN. (7024314-01),
INSTALLATION GUIDE (EK-CXY08-IN) &
FILLER KIT (70-24505-01)

REVISION HISTORY

USED ON OPTION/MODEL

DRAWN BY: J.O'CALLAGHAN
DATE: 30-MAR-87

CHECKED: P.DAMPIER
DATE: 30-MAR-87

DES.ENG: T.CREEDON
DATE: 30-MAR-87

RES.ENG: J.O'CALLAGHAN
DATE: 30-MAR-87

MFG.ENG: R.COOKIE
DATE: 30-MAR-87

FILE NAME: CXY08ADD01.LST

ENG. ECO NUMBER

REV

INITIAL

A

TITLE

DRAWING DIRECTORY

CXY08

SIZE	CODE	DOCUMENT NUMBER	REV
K	DD	CXY08-0-0	A

SHEET 1 OF 2

EDIT #

4

DESIGN SITE : KLO

F I N D #	DRAWING NUMBER	DESCRIPTION	T Y P E
	MP-02382	PRINT SET (PART NO)	-
	K-TC-CXY08-0-0	FIELD MAINTENANCE PRINT SET	-
	K-PL-CXY08-0-DBP	CXY08 8 LINE ASYNC MUX	E/M
	K-DD-M3119-0-0	CXY08 DRAWING DIRECTORY	-
	K-FL-M3119-0-DBP	CXY08 PARTS LIST	E/M
	K-UA-M3119-1-0	CXY08 UNIT ASSEMBLY	E/M
	K-CS-M3119-0-0	CXY08 CIRCUIT SCHEMATICS	E
	K-DD-5018096-0-0	ETCHED CIRCUIT BOARD (DD)	-
	K-MD-5018096-0-0	M3119 CIRCUIT DRILL AND ETCH (MD)	M
	K-EC-5018096-0-0	ETCH CUT DRAWING	M
	K-PL-7024314-0-DBP	CXY08 CABLE CONC. (PL)	E/M
	K-PL-7024505-0-DBP	FILLER KIT (PL)	E/M
	A-SP-CXY08-0-0	CXY08 ENGINEERING SPEC.	REF
	A-SP-2126287-0-2	DC7058B SPECIFICATION	REF
	A-SP-2126288-0-1	DC7059A SPECIFICATION	REF
	A-SP-2125974-0-1	DC7044C SPECIFICATION	REF
	A-SP-1226964-0-1	PURCHASE SPEC (H3046)	REF
	A-SP-1701399-0-1	PURCHASE SPEC (BC19N-12)	REF
	EK-CXY08-IN	CXY08 INSTALLATION GUIDE	REF
	EK-CXY08-UG	CXY08 USERS GUIDE	REF
	EK-CXY08-MC	CXY08 MAINTENANCE CARD	REF
	EK-CXY08-TM	CXY08 TECHNICAL MANUAL	REF

TYPE:	E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL REF REFERENCE	TITLE	DRAWING DIRECTORY CXY08	SIZE CODE DOCUMENT NUMBER K DD CXY08-0-0	REV A
DESIGN SITE : KLO		FILE NAME: CXY08ADD02.LST		SHEET 2 OF 2	

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION		
					AA A1	AF A1	M A1
1	1	CXY08-M		8-LINE ASYNC MUX,W/MC,S-BOX HANDLE	1	1	-
2	2	M3119-YA		8 LINE ASYNC MUX,W/MODEM CNTRL,INT	-	-	1
3	3 SEE NOTE # 3	37-00931-01		PKG MODULE 1 IN. HEIGHT CUS	-	-	1
4	4	70-24314-01		CABL" CONCENTRATOR PKG FOR CXY08	1	1	-
5	5	70-24505-01		KIT-BULKHEAD,PANEL	-	1	-
6	6	99-07938-03		FOL,CARTON,C,200PSI S-Graphics	1	1	-
7	7	99-08018-01		FOL,CARTON,C,200PSI	1	1	-
8	8	EK-CXY08-IN		8 LINES ASYNC DATA ONLY	-	1	-

3 NOTE: 37-00931-01 TO BE USED FOR INDIVIDUAL PACKAGING 37-00931-02/03 TO BE USED FOR BULK SHIPMENTS

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: C.IVE		DIGITAL	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		CHK'D: P.DAMPIER		DATE: 30-MAR-87		TITLE PARTS LIST	
---	INITIAL	A	[A] AA,AF,M		DATE: 30-MAR-87		CXY08		8 LINE ASYNC MUX	
			[B]		DES.ENG: T.CREEDON		DOCUMENT NUMBER			
			[C]		DATE: 30-MAR-87		SIZE CODE		NUMBER	
			[D]		RESP.ENG.: J.O'CALLAGHAN		K PL		CXY08-0-DBP	
			[E]		DATE: 30-MAR-87		RELEASE DATE: 01-APR-87		A	
			[F]		MFG.ENG: R.COOKE		RELEASE STATUS: RELEASED			
			[G]		DATE: 30-MAR-87					
			[H]							
			[I]							
			[J]							
BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
CXY08					K-DD-CXY08-0-0		CXY08APL.PLS		24	
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DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS									
K-CS-M3119-0-DBX3	-		VALID DATA BASE	-	-	-	-	-	-	-	-	-	A
K-PC-M3119-0-DBV3	-		PC DESIGN DATA BASE	-	-	-	-	-	-	-	-	-	A
K-DD-5018096-1-0	1	5018096-01	ETCHED CIRCUIT BOARD DRAWING DIRECTORY	B1	B1	B1	B1	B1	B1	B1	C1	D1	
				B	B	B	C	D	D	D	E	F	
TITLE M3119 DRAWING DIRECTORY				SHEET 2 OF 2		SIZE K	CODE DD	DOCUMENT NUMBER M3119-0-0				REV J	

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER VAR/REV	REFERENCE DESIGNATORS
						YA		
						D2		
1	1	K-DD-M3119-0-0	50-18096-01	B	DRILL AND ETCH	1		
2	2		10-12084-01		8.0 MFD 25V +75/-10% 85	3		C61,C103,C104
3	3		10-13466-12	2200	PFD 50V +/-10% X7R C	2		C33,C63
4	4		10-13466-22		0.10 MFD 50V +80/-20% Z5U C	48		C5,C6,C9-C11,C14-C16,C18-C20, CONT C23-C25,C32,C34-C37,C46-C49, CONT C56-C58,C64-C70,C72,C75,C76, CONT C78,C79,C83,C84,C88,C191-C195, CONT C200,C201
5	5		10-13466-27	820	PFD 50V +/- 5% NP0 C	64		C21,C22,C26-C31,C38-C45, CONT C50-C55,C59,C60,C71,C73,C74, CONT C77,C80-C82,C85-C87,C89-C102, CONT C105-C120
6	6		10-13466-50	680	PFD 50V +/- 5% NP0 C	1		C62
7	7		10-13466-54		0.022MFD 50V +/-10% X7R C	1		C12
8	8		10-15573-01	5600	PFD 50V +/- 5% X7R C	1		C3
9	9		10-17897-01		0.22 MFD 50V +80/-20% Z5U C	2		C1,C4
10	10		10-25078-01	22	MFD 16V +/-10% SOL	4		C2,C8,C13,C17
11	11		11-00114-00		PIV= 25 IO=135 MA	2		D1,D2
12	12		11-17373-00		LED ASSY GREEN	1		D3
13	13		11-18982-00		DIODE ARRY PIV= 150 IO=1.00A	3		D4-D6
14	14		11-26859-01		TRANS SUPP BIPOLAR 7V 5	24		U4-U27
15	15		12-10929-06		FUSE PICO 2.0 A 125V AXIAL LEA	1		F1
16	16		12-11164-04		SW,DIP 08POS/1PST 5VDC100MA F	1		E28
17	17		12-11164-06		SW,DIP 10POS/1PST 5VDC100MA F	1		E36
18	18		12-25069-02		BAIL-LOCK, D SUB 36POS(2X18)	4		
19	19		12-26615-01		PCB HEADER 90D	2		J1,J2
20	20		13-00219-00	68.0	.25 W 5.0 % CF	1		R7
21	21		13-00444-00	3.90 K	.25 W 5.0 % CF	1		R16
22	22		13-00447-00	4.70 K	.25 W 5.0 % CF	1		R18
23	23		13-00479-00	10.0 K	.25 W 5.0 % CF	1		R10

REVISION HISTORY			KPL MODULE FORMAT			SECTION A OF A			DRN: C.IVE			DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 27-APR-87			CHK'D: P.DAMPIER			TITLE PARTS LIST			
---	INITIAL	A	[A]	YA	[M]	DATE: 27-APR-87			DATE: 27-APR-87			CXY08			
J0	M3119-KL001	B	[B]		[N]				DES.ENG: J.OCALLAGHAN			8 LINE ASYNC COMMS			
J0	M3119-KL002	C	[C]		[P]				DATE: 27-APR-87			DOCUMENT NUMBER			
J0	M3119-KL003	D	[D]		[Q]				RESP.ENG.: J.OCALLAGHAN			SIZE	CODE	NUMBER	REV
J0	M3119-KL004	E	[E]		[R]				DATE: 27-APR-87			K	PL	M3119-0-DBP	F
RB	M3119-MK005	F	[F]		[S]				MFG.ENG: R.COOKE			RELEASE DATE: 16-DEC-88			
			[H]		[T]				DATE: 27-APR-87			RELEASE STATUS: RELEASED			
			[J]		[V]										
			[K]		[W]										
			[L]		[Y]										
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #			
			M3119			D-UA-M3119-0-0			K-DD-M3119-0-0			2			
			FILE NAME: M3119F.PLS												

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LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV YA D2	REFERENCE DESIGNATORS
24	24		13-01320-00	1.20 K	.25 W 5.0 % CF	1	R8
25	25		13-01969-00	22.0	.25 W 5.0 % CF	1	R2
26	26		13-02391-00	20.0 K	.25 W 5.0 % CF	1	R11
27	27		13-02466-00	100.0 K	.25 W 5.0 % CF	2	R17,R19
28	28		13-03312-00	10.0 K	.25 W 1.0 % RN55D-F10	1	R15
29	29		13-04854-00	5.11 K	.25 W 1.0 % RN55D-F10	3	R4,R9,R14
30	30		13-11003-02	R. NET	330.0 -14 680.0 -14 5.0	1	E19
31	31		13-11522-00	200.0	.25 W 5.0 % CF	2	R6,R13
32	32		13-13349-00	33.0 K	.25 W 5.0 % CF	1	R12
33	33		13-13596-00	20.0 K	.25 W 1.0 % RN55D-F10	1	R5
34	34		13-19470-12	82.0	1.0 W 5.0 % M.OXIDE	1	R1
35	35		13-20421-01	R. NET	10.0K-15 5.0	1	E35
36	36		13-21509-01	.39	1.0 W 5.0 % WW	1	R3
37	37		15-10414-02	D	456C PNP 30WT SI 45V 4A B=	1	Q1
38	38		16-24190-01	50.0 UH	1.0A INDUCTOR	1	L1
39	39		18-25333-01	OSCILLATOR,	XTAL 14.7456 MHZ	1	E27
40	40		19-10363-00	7496	SHIFT REG.,5BIT	1	E3
41	41		19-10537-00	74S11	AND GATE-TRIPLE 3INP	1	E16
42	42		19-12799-00	LS00	NAND-GATE-QUAD 2IN,P	1	E5
43	43		19-12805-00	LS08	AND GATE-QUAD 2IN,P0	1	E41
44	44		19-12807-00	LS10	NAND GATE-TRIPLE 3IN	1	E7
45	45		19-12813-00	LS27	NOR GATE-TRIPLE 3IN	1	E9
46	46		19-12816-00	LS32	OR GATE-QUAD 2IN,POS	3	E10,E33,E38
47	47		19-12821-00	LS54	A-0-I GATE,3-2-2-3IN	1	E39
48	48		19-12837-00	LS123	ONE SHOT-DUAL,RETRIG	1	E4
49	49		19-12849-00	LS161	COUNTER,SYNCHR,4BIT	1	E6
50	50		19-22480-01	74F164	SERIAL IN PARALLEL 0	1	E40
51	51		19-12853-00	LS175	FF-D QUAD	1	E30
52	52		19-12860-00	LS259	LATCH 8BIT	2	E31,E32
53	53		19-15758-00	LS166	SHIFT REG. 8BIT PARA	2	E29,E37
54	54		19-19015-00	DC 021	BUS TRANSCEIVER,20PI	6	E1,E2,E12,E13,E18,E22
55	55		19-21592-01	TL 494	MODULATOR,PULSE WIDT	1	E46
56	56		19-23889-01		EIA OCTAL LINE DRIVE	3	E17,E34,E47
57	57		19-23890-01		EIA OCTAL LINE RECEI	5	E11,E20,E25,E42,E44
58	58		19-25894-01		PROTECTION DEVICE-TR	5	E8,E21,E26,E43,E45
59	59		21-17872-05		RAM 2KX8 I/O MUXD 4	1	E15
60	60		21-25974-03	DC7044	OCTART GATE ARRAY	1	E24
61	61		21-26287-02	DC7053B	OCTART CONTROLLER	1	E14
62	62		21-26288-01	DC7059	OCTART CONTROLLER B	1	E23
53	63		36-26883-20		LABEL,MODULE NUMBER,S-BOX,M3119-	1	
64	64	SEE NOTE # 64	70-23741-05		BULKHEAD RECESSED ASSY CXY08	1	
65	65		74-34160-01	A	SPACER,CONNECTOR 74-01	2	
66	66		90-00024-01		EYELET,ROLLED 0.1210DX0.192	4	
67	67		90-06011-01		SCREW,MACH PAN PHIL 4-	8	
68	68		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	2	W1,W2
69	69		90-09990-00		NUT,HEX EXT TOOTH LCKWSHR 4-40	4	
70	70	SEE NOTE # 70	91-05740-55		WIRE(WRAP) 30AWG KYNAR UL14	40	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CXY08 8 LINE ASYNC COMMS		K	PL	M3119-0-DBP	F

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV YA D2	REFERENCE DESIGNATORS
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64 NOTE: ITEM #64 70-23741-05 MAY BE SUBSTITUTED WITH 70-22813-05, AT MANUFACTURER'S DISCRETION.
70 NOTE: QUANTITY REFERS TO INCHES

D	I	G	I	T	A	L	TITLE		SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CXY08				K	PL	M3119-0-DBP	F
							8 LINE ASYNC COMMS							

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COMPONENT SIDE VIEW

18.436 REF

8.410 REF

REWORK INSTRUCTIONS

WIRE ADDS

0-1 FROM E23 - 73 TO E15 - 9

CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV
	D. JANUSKIEWICZ	T. NOLAN	K1693	2-19-88	B
	H. DENSMORE	T. NOLAN	K1694	3-1-88	C

CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV

NOTES:

IF A NON-PREFORMED TRANSISTOR IS USED
IE 15-10414-01 INSTEAD OF
15-10414-02 THEN THE FOLLOWING
PARTS ARE REQUIRED SCREW 18-06010-01
WASHER 18-06608-00 AND NUT
18-04200-00

STEP E → Y AXIS 8.310 STEP 1 TIMES
REPEAT → X AXIS 18.436 STEP 1 TIMES

ETCH REV. B1

SIGNATURES	DATE	
DRN. C.IVE	21-08-88	digital
CHK D. J. NOLAN	21-08-88	
MECH. ENG. J. CLAFFEY	21-08-88	
PROJ. ENG. J. O'CALLAGHAN	21-08-88	
PROD. J. CLAFFEY	11-08-88	
SCALE 2/1		TITLE CX188
SHT. 1 OF 2		UNIT ASSEMBLY
NEXT HIGHER ASSY. K-00-M3119-0-0		SIZE CODE NUMBER REV K UA M3119-0-0 C

RE2 1 WC#

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REWORK INSTRUCTIONS:

FOR M3119-KL003

WIRE ADDS

1.1 CONNECT E23-98 TO E5-3.(D12.TERST H)

NOTE: E29-9 IS RAISED UP FROM THE PTH,
AND ECO WIRE IS CONNECTED TO THE RAISED PIN.

1.2 CONNECT E29-9 TO E15-6.(D3.ADD0 H)

REWORK INSTRUCTIONS: M3119-KL004.

WIRE ADDS:

4-1 CONNECT E10 PIN 2 TO GND H IE. THE VIA TO THE RIGHT
AND BELOW E9 PIN 8.

4-2 CONNECT E38 PIN 10 TO E38 PIN 7.

4-3 CONNECT E23 PIN 115 TO E40 PIN 1, WIRE FROM VIA ON LEFT OF E23 TO PIN 115 RUNS ON EACH SIDE OF BOARD.

4-4 CONNECT E24 PIN 26 TO E40 PIN 3.

4-5 CONNECT E13 PIN 13 TO E40 PIN 9.

4-6 CONNECT E40 PIN 5 TO E3 PIN 6.

4-7 CONNECT E3 PIN 6 TO E3 PINS 2,3,4.

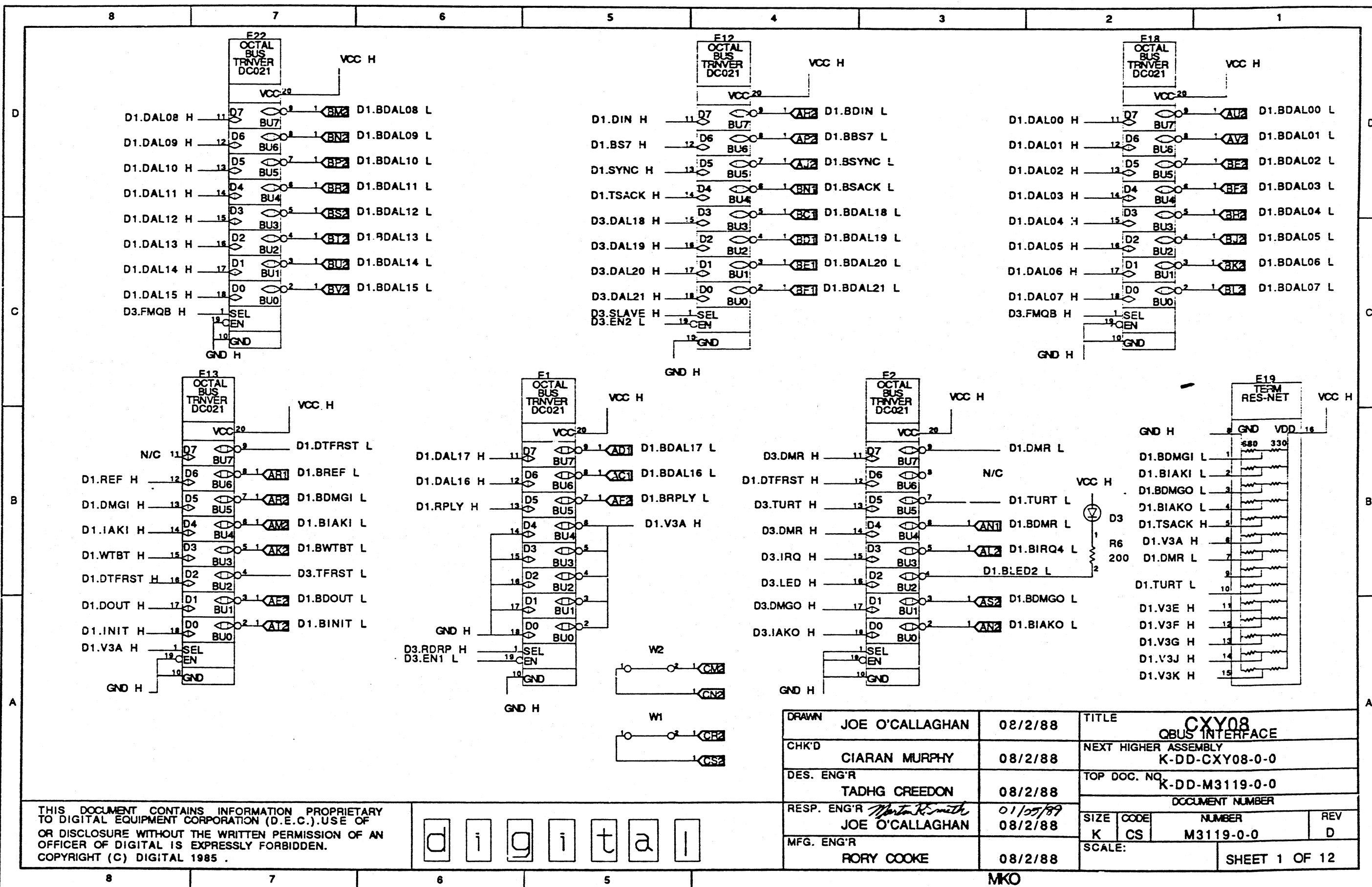
NOTE: E3 PINS 2,3,& 4, AND E2 PIN 8 ARE TO BE LIFTED FROM THE BOARD.

REVISION HISTORY		
REV	ECO NUMBER	DATE

DRG 138C
EN-0125-18-REV A (20)

TITLE
CXY08
UNIT ASSEMBLY

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
K	UA	M3119-0-0
SCALE NONE		
SHEET 2 OF 2		

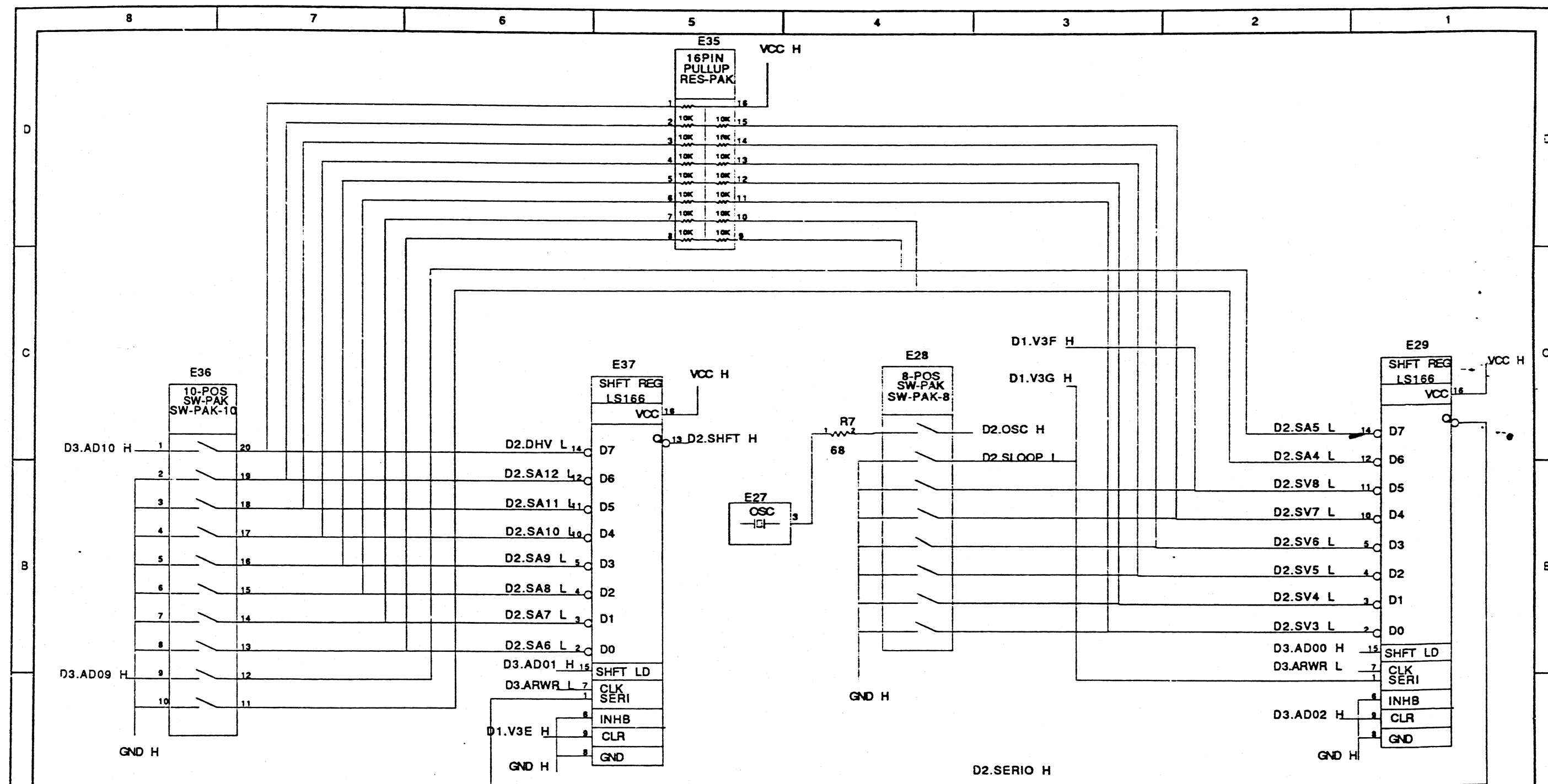


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digital

DRAWN	JOE O'CALLAGHAN	08/2/88	TITLE	CXY08 QBUS INTERFACE		
CHK'D	CIARAN MURPHY	08/2/88	NEXT HIGHER ASSEMBLY	K-DD-CXY08-0-0		
DES. ENG'R	TADHG CREEDON	08/2/88	TOP DOC. NO.	K-DD-M3119-0-0		
RESP. ENG'R	JOE O'CALLAGHAN	01/05/89	DOCUMENT NUMBER			
MFG. ENG'R	RORY COOKE	08/2/88	SIZE	CODE	NUMBER	REV
			K	CS	M3119-0-0	D
			SCALE:	SHEET 1 OF 12		

MKO

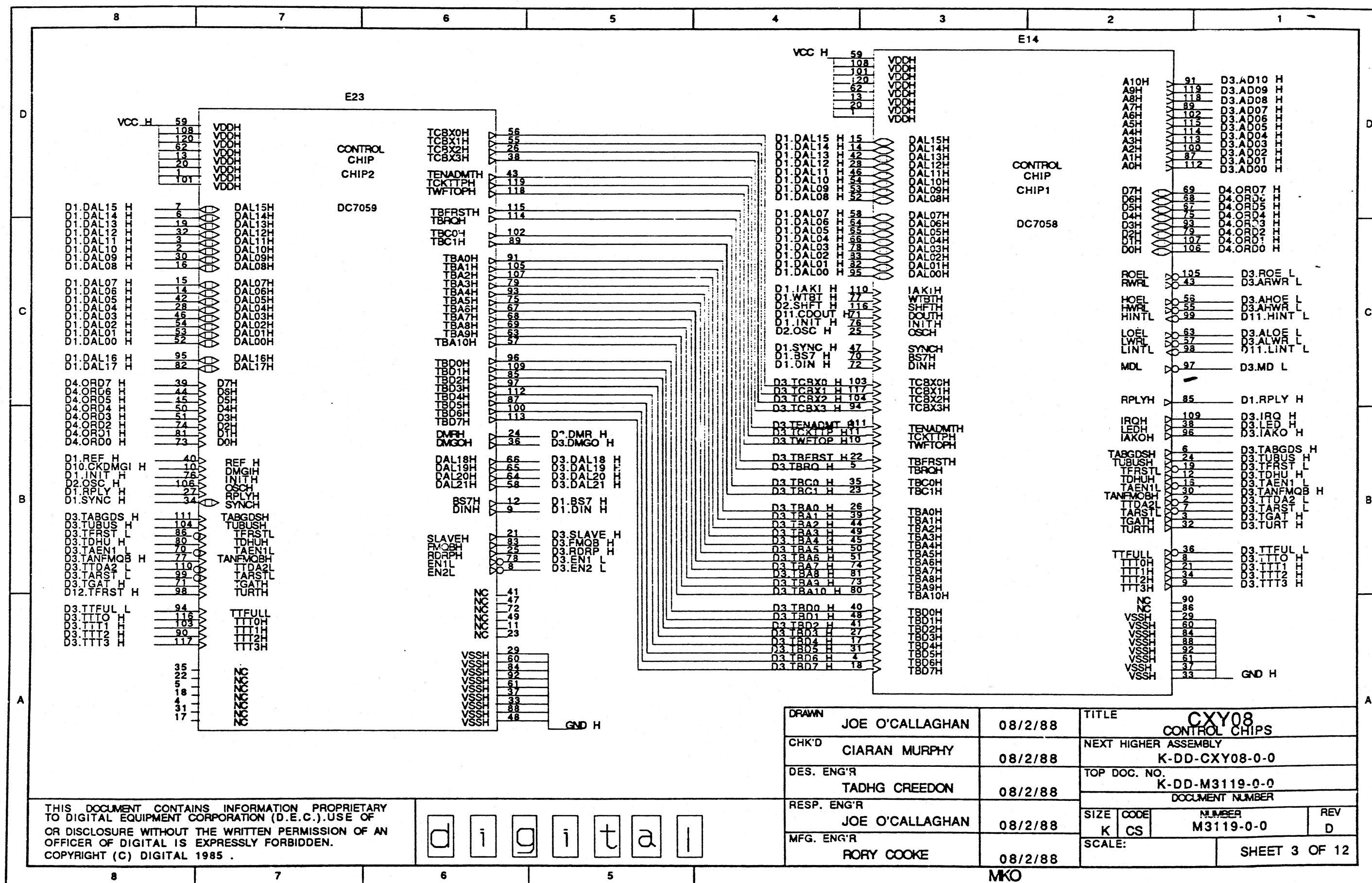


DRAWN	JOE O'CALLAGHAN	08/2/88	TITLE	CXY08	
CHK'D	CIARAN MURPHY	08/2/88	NEXT HIGHER ASSEMBLY	K-DD-CXY08-0-0	
DES. ENG'R	TADHG CREEDON	08/2/88	TOP DOC. NO.	K-DD-M3119-0-0	
RESP. ENG'R	JOE O'CALLAGHAN	08/2/88	DOCUMENT NUMBER		
MFG. ENG'R	RORY COOKE	08/2/88	SIZE	CODE	NUMBER
			K	CS	M3119-0-0
			SCALE:		REV
					D
					SHEET 2 OF 12

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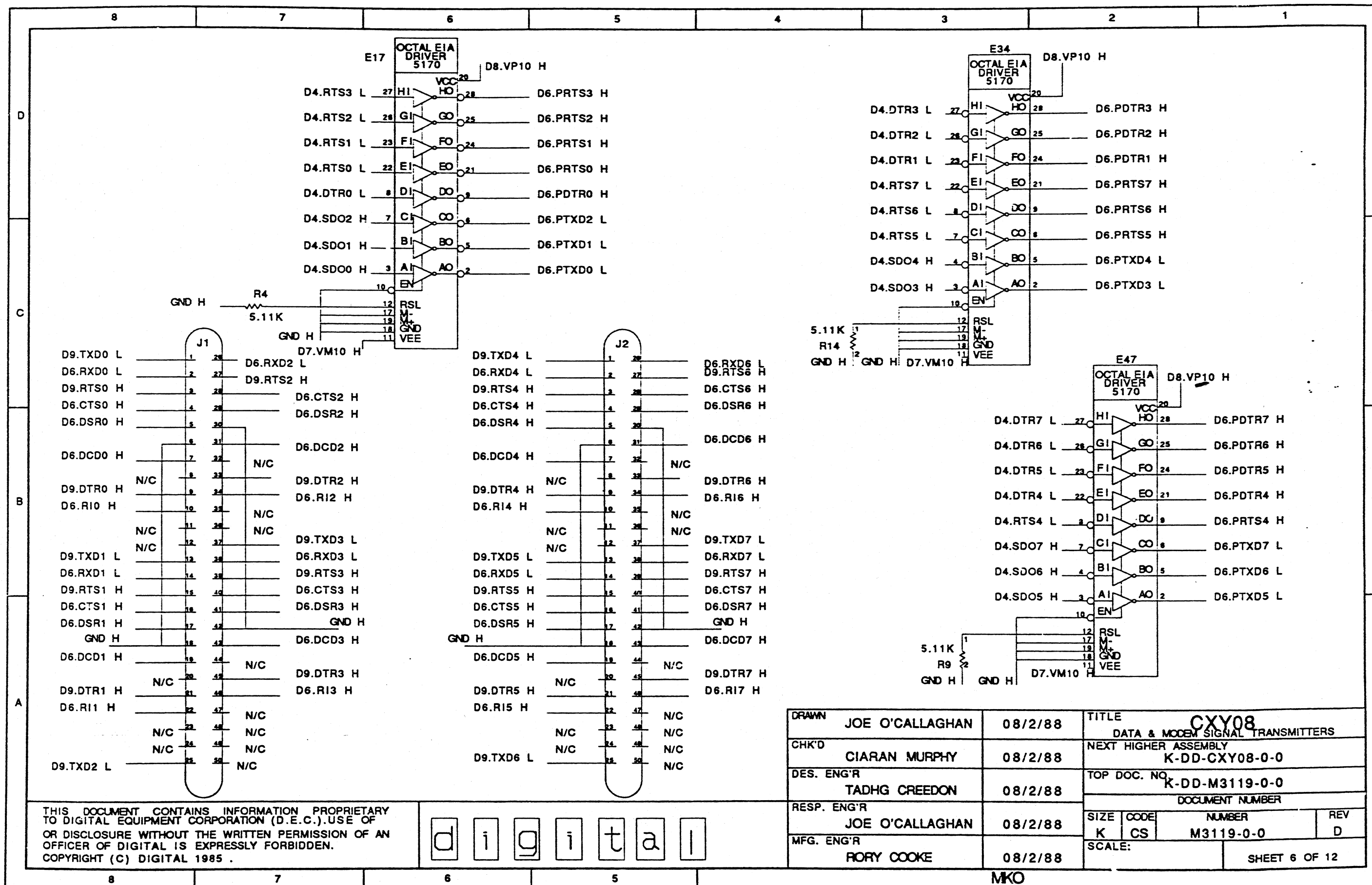


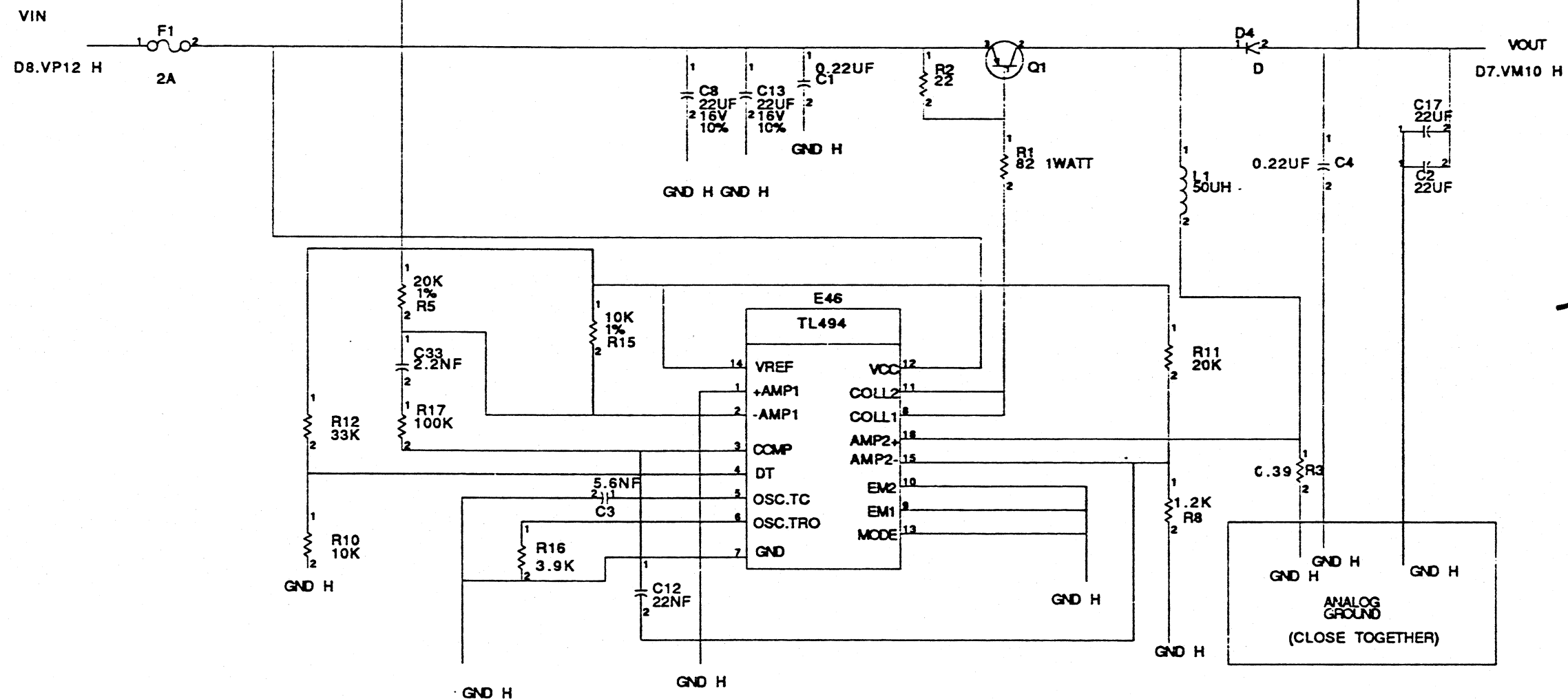
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DRAWN	JOE O'CALLAGHAN	08/2/88	TITLE	CXY08 CONTROL CHIPS		
CHK'D	CIARAN MURPHY	08/2/88	NEXT HIGHER ASSEMBLY	K-DD-CXY08-0-0		
DES. ENG'R	TADHG CREEDON	08/2/88	TOP DOC. NO.	K-DD-M3119-0-0		
RESP. ENG'R	JOE O'CALLAGHAN	08/2/88	DOCUMENT NUMBER			
MFG. ENG'R	RORY COOKE	08/2/88	SIZE	CODE	NUMBER	REV
			K	CS	M3119-0-0	D
			SCALE:	SHEET 3 OF 12		

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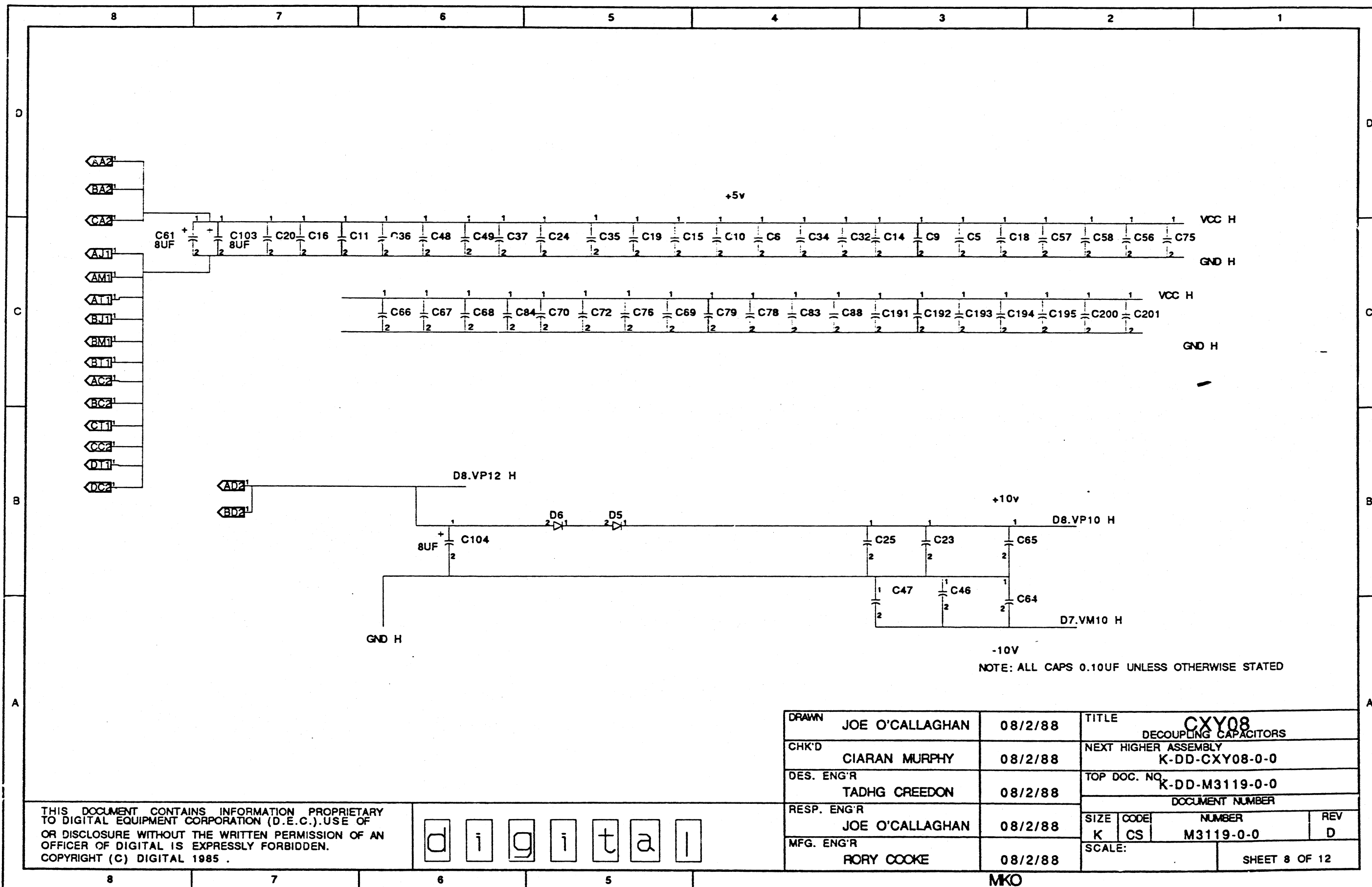


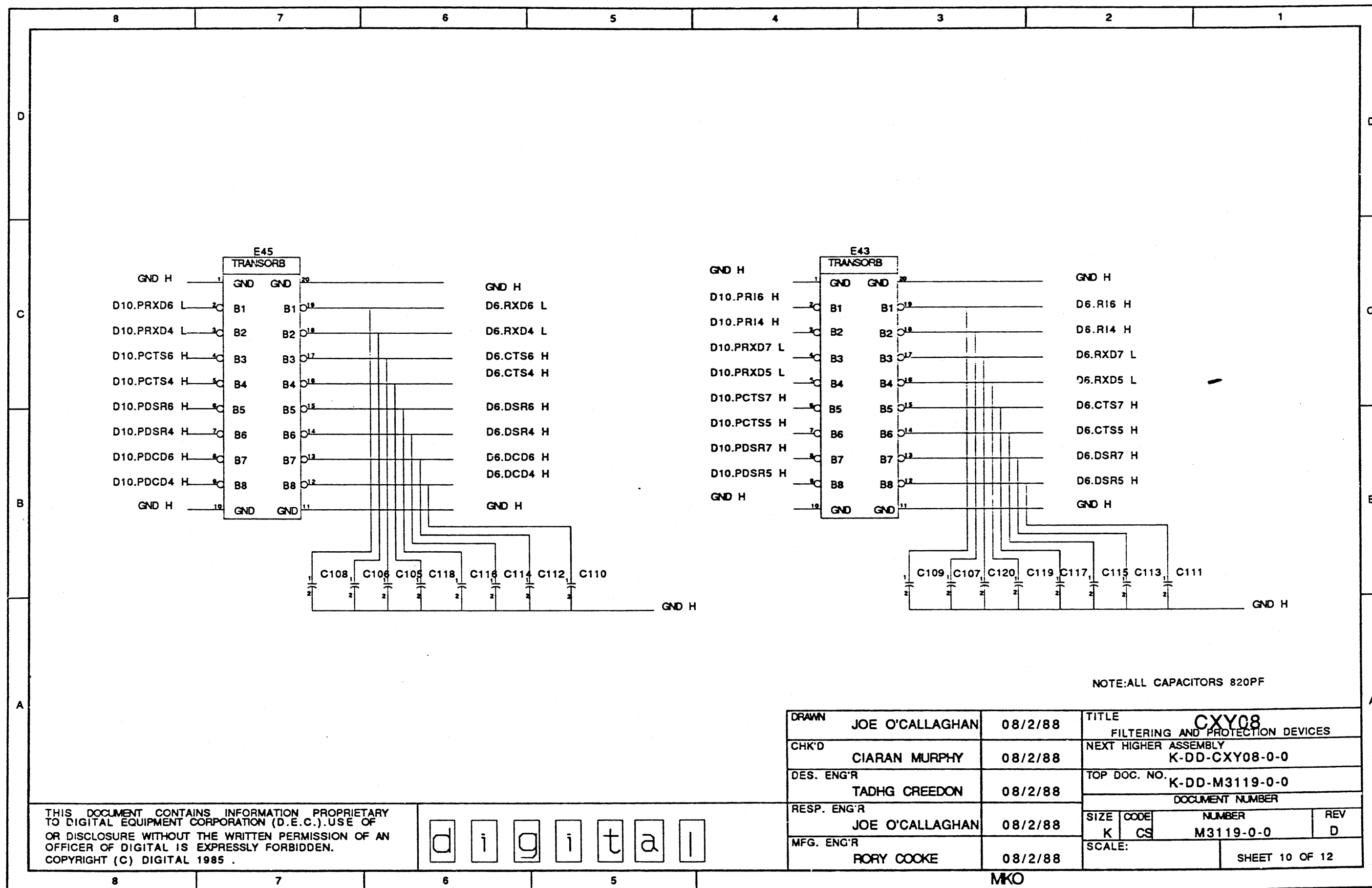
DRAWN	JOE O'CALLAGHAN	08/2/88	TITLE - 10 VOLTS CXY08 POWER SUPPLY			
CHK'D	CIARAN MURPHY	08/2/88	NEXT HIGHER ASSEMBLY K-DD-CXY08-0-0			
DES. ENG'R	CON CREMIN	08/2/88	TOP DOC. NO. K-DD-M3119-0-0			
RESP. ENG'R	JOE O'CALLAGHAN	08/2/88	DOCUMENT NUMBER			
MFG. ENG'R	RORY COOKE	08/2/88	SIZE K	CODE CS	NUMBER M3119-0-0	REV D
			SCALE:		SHEET 7 OF 12	

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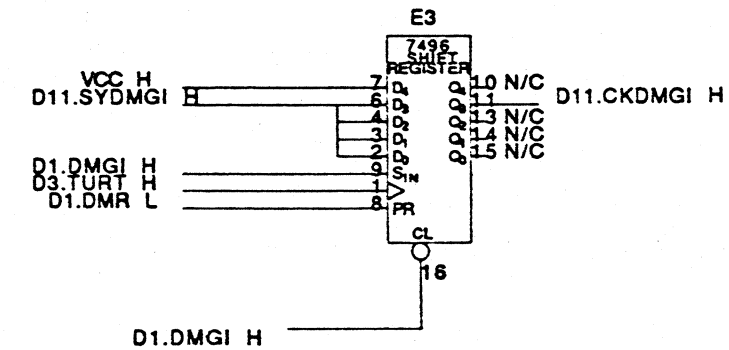
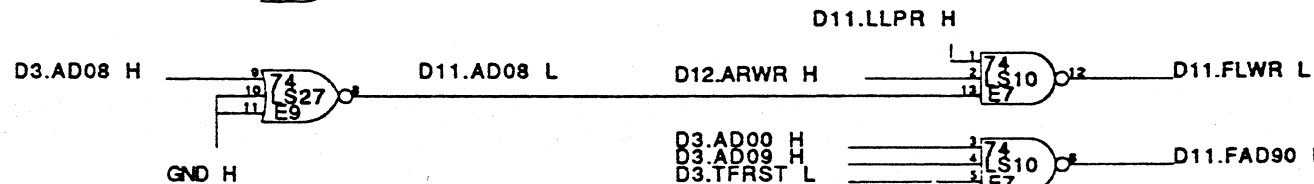
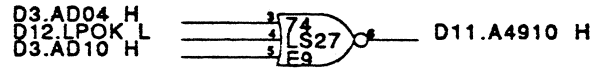
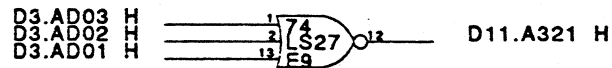
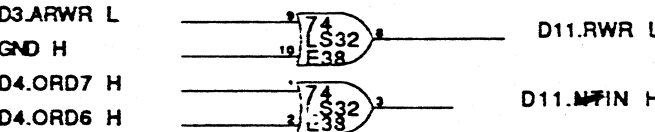
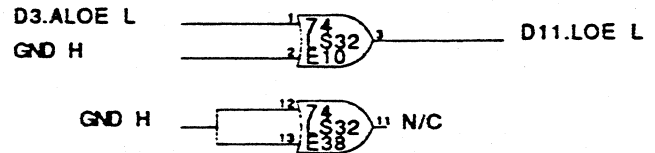
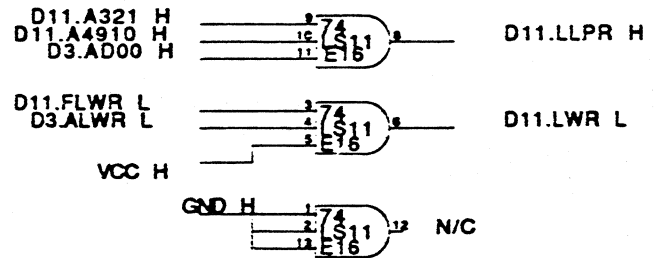
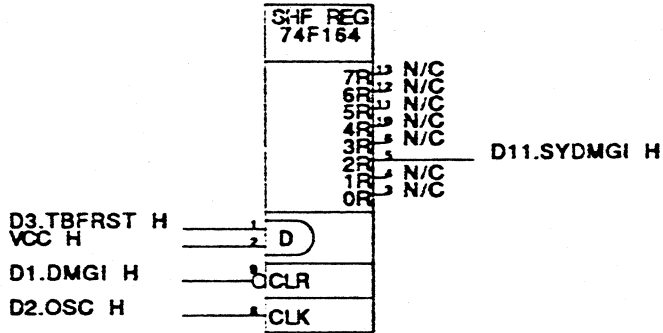
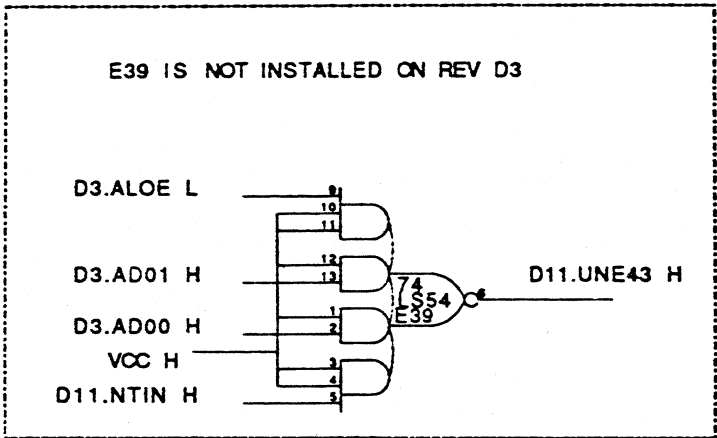


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digital

DRAWN	JOE O'CALLAGHAN	08/2/88	TITLE CXY08 FILTERING AND PROTECTION DEVICES		
CHK'D	CIARAN MURPHY	08/2/88	NEXT HIGHER ASSEMBLY K-DD-CXY08-0-0		
DES. ENG'R	TADHG CREEDON	08/2/88	TOP DOC. NO. K-DD-M3119-0-0		
RESP. ENG'R	JOE O'CALLAGHAN	08/2/88	DOCUMENT NUMBER		
MFG. ENG'R	RORY COOKE	08/2/88	SIZE K	CODE CS	NUMBER M3119-0-0
			SCALE:	REV D	
					SHEET 10 OF 12

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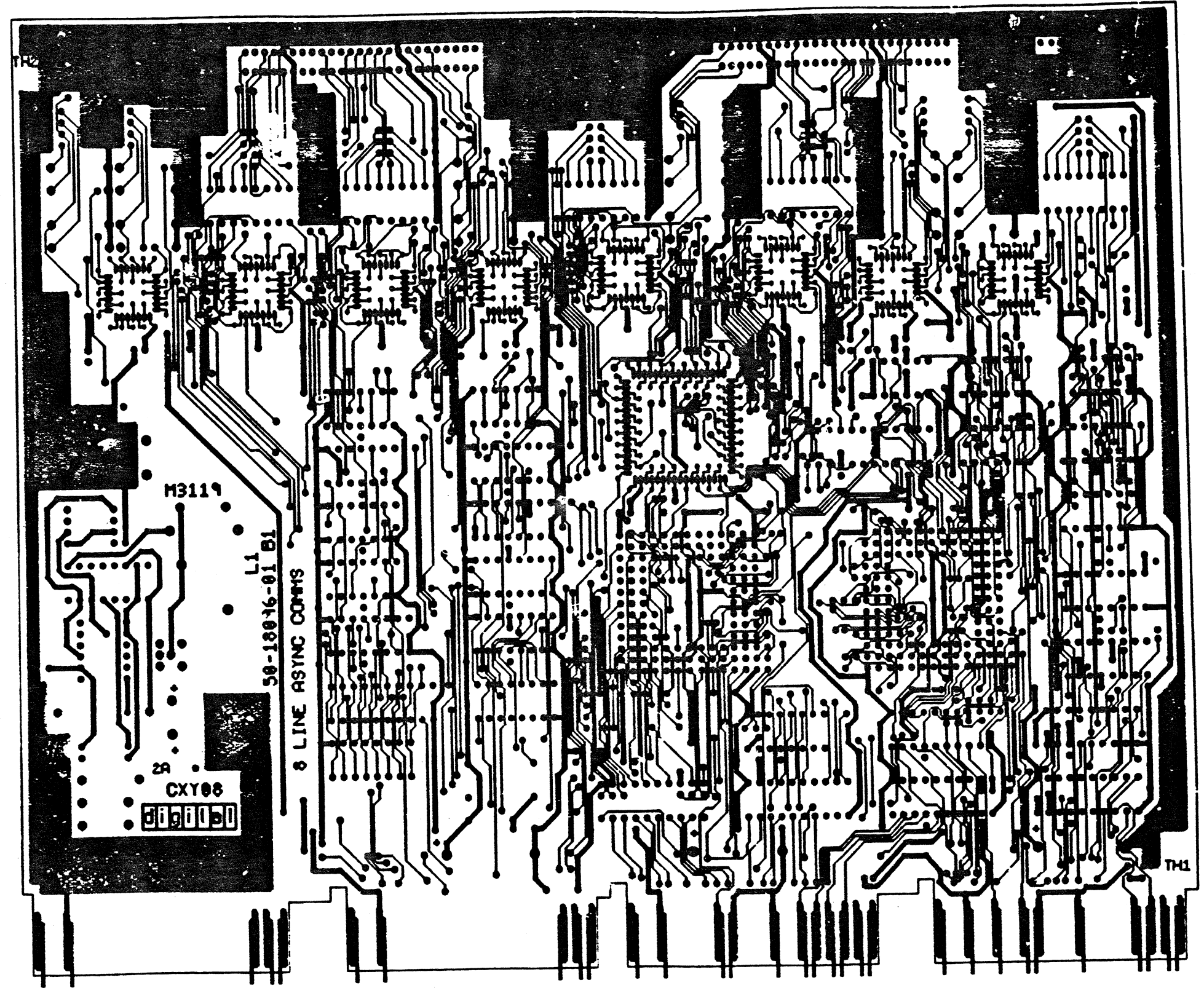
DRAWN	JOE O'CALLAGHAN	08/2/88	TITLE	CXY08
CHK'D	CIARAN MURPHY	08/2/88	NEXT HIGHER ASSEMBLY	K-DD-CXY08-0-0
DES. ENG'R	TADHG CREEDON	08/2/88	TOP DOC. NO.	K-DD-M3119-0-0
RESP. ENG'R	JOE O'CALLAGHAN	08/2/88	DOCUMENT NUMBER	
MFG. ENG'R	RORY COOKE	08/2/88	SIZE	K
			CODE	CS
			NUMBER	M3119-0-0
			REV	D
			SCALE:	
				SHEET 11 OF 12

MKO

FOR HOLE TOLERANCES USE DEC STD 176										DESIGN INFORMATION										FABRICATION INFORMATION										TOLERANCES																																							
SYMBOL										CIRCUIT SIZE: X .1030 Y .0310 INCHES										FABRICATE BOARD PER D-NO-2-1633-1-0 OR AS SHOWN()										INCHES UNLESS SPECIFIED																																							
FIN HOLE SIZE										CIRCUIT TYPE: PFC() PTH() MLD()										SOLDER MASK, SIDE 1() SIDE 2() NONE()										ANGLES																																							
PLATED										CIRCUIT MODX15()										INCISEL THIEVING() YES THIEVING VOIDS() YES										± .005 90 DEG 30 MIN																																							
NON PLATED										TECHNOLOGY: SD() MDL2X13() HD() OTHER()										SPECIFICATIONS AND STANDARDS:										X ± .100																																							
BTY.										UL REQUIREMENTS LAMB() HWARD()										MATERIALS AND WORKMANSHIP FOR ALL FABRICATED PRINTED WIRING										SIGNATURES										DATE																													
OFF BRD HOLE										CIRCUIT OUTLINE & FINGER DETAIL (-HD-FLK-431-2-0) OR AS SHOWN()										BOARDS MUST MEET OR EXCEED THE REQUIREMENTS OF DEC STD 176										DRN: C.IVE																																							
DRILL SIZE										LAYER CONSTRUCTION PER C-HO-FLK-431-3-0 OR AS SHOWN()										SPECIAL NOTES:										CHK'D: J.NOLAN																																							
NOTE: ALL HOLE LOCATIONS ARE DESIGNED ON .025 GRID INCREMENTS FROM DATUM UNLESS SYMBOL IS CIRCLED.										ARTWORK LAYOUT: MANUAL() CAD()																				MECH ENG: J.CLAFFEY																																							
										ENG SPECIAL FEATURES:																				PRJ ENG: J.DALLAGHAN																																							
										SPECIAL NOTES:																				PFB ENG: B.DUBOIS																																							
																														SCALE: 1/1										SIZE CODE NUMBER																													
																														SHEET 1 OF 3										K MD 5018096-0-0 REV B																													
																														TOP DEC. NO. K-DD-5018096-0-0										SB/PART REV: 01																													
																																								REZ 1 WO#																													
7										6										5										4										3										2																			

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ECO NUMBER	DATE

							DOCUMENT NUMBER			
							REV	NUMBER		REV
							K	MO		B
							DATE	2/1	DATE	2
							REZ 1 MS#			

TITLE
 CIRCUIT DRILL AND
 ETCH DRAWING

8

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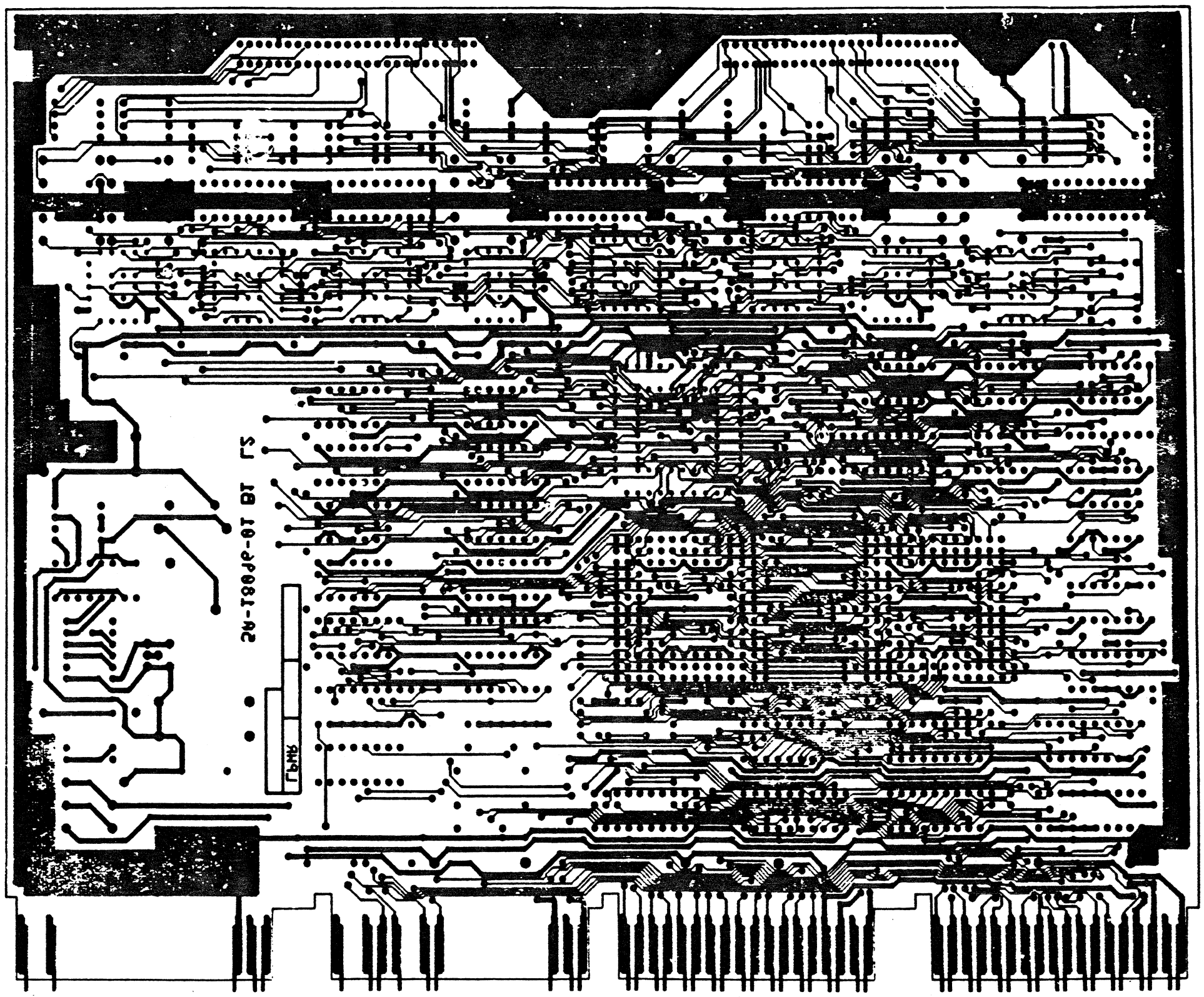
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REVISION HISTORY	
ECO NUMBER	DATE

								DOCUMENT NUMBER			
								REV	CODE	NAME	REV
								K	MD	5018096-0-0	B
								DATE	2/1	DATE	3 OF 3
								RE2 1 MS#			

CIRCUIT DRILL AND
 ETCH DRAWING

8	7	6	5	4	3	2	
---	---	---	---	---	---	---	--

										DOCUMENT NUMBER					
										TITLE		NUMBER		REV	
										SOLDER MASK DRAWING		5010096-0-0		B	
8		7		6		5		4		3		2		1	
												REV 1		REV 2	

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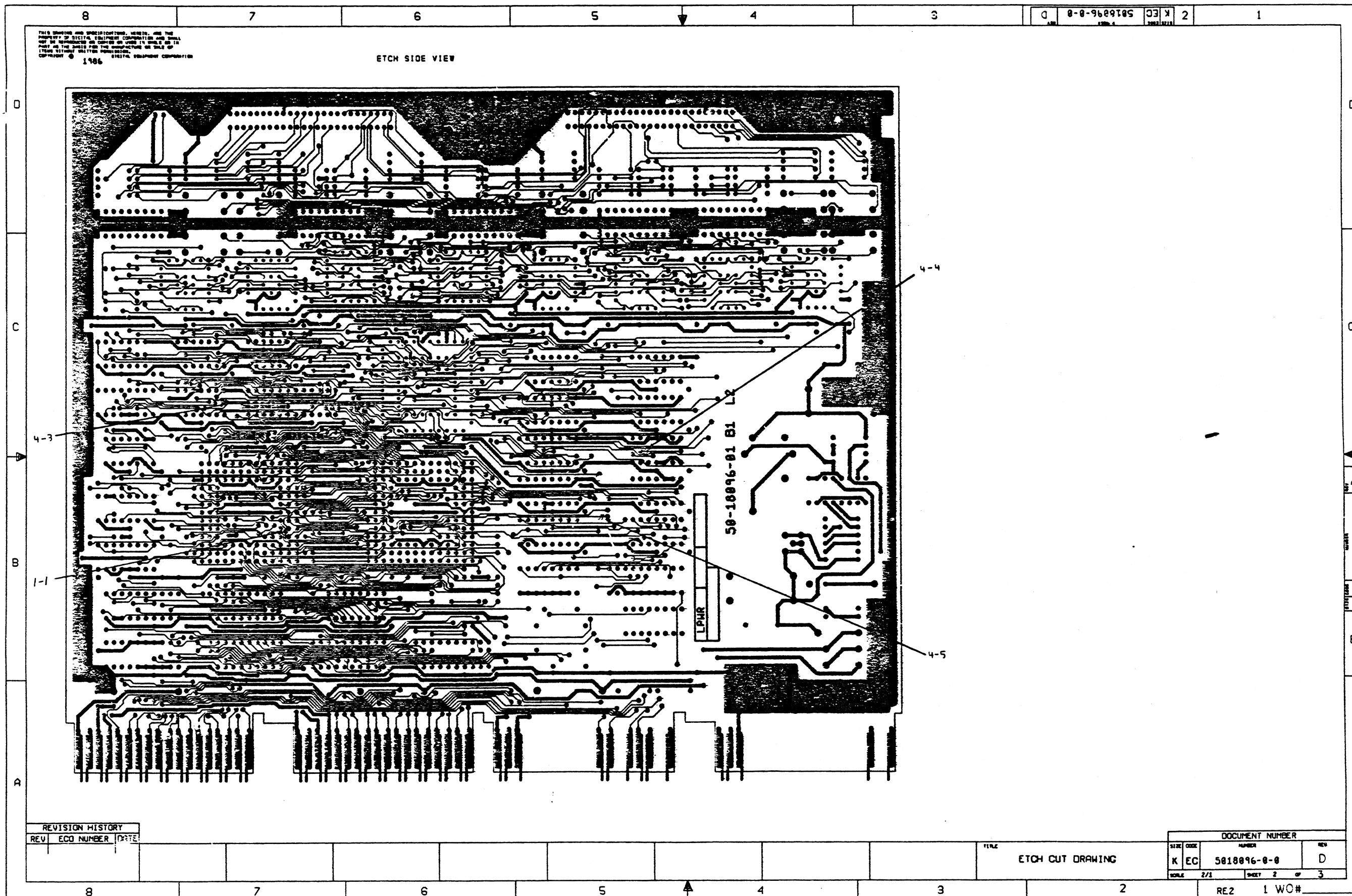
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ECO NUMBER	DATE											WIZ	CHK	NUMBER	REV
												K	MD	5010096-0-0	B
TITLE: SOLDER MASK DRAWING															
8		7		6		5		4		3		20180808			
												REV: 2			
												DATE: 20180808			
												LIFE: 205			

STEP E	↑ Y AXIS <u>0.010</u> STEP <u>1</u> TIMES
REPEAT	→ X AXIS <u>10.036</u> STEP <u>1</u> TIMES

ETCH REV. B1

SIGNATURES		DATE		digital				
DRN. C. IVE		21-NOV-80		TITLE ETCH CUT				
CHK'D. J. NOLAN		21-NOV-80						
MECH. ENG. J. CLAFFEY		21-NOV-80		DRAWING				
PROJ. ENG. J. O'CALLAGHAN		21-NOV-80						
PROD. R. COOKE		11-DEC-80		SIZE CODE		NUMBER		RE D
SCALE 2/1				EC		5818896-0-0		
SHT. 1 OF 3								
NEXT HIGHER ASSY. K-DO-5818896-0-0								

COMPONENT SIDE VIEW



8

D 0-0-960809 KEC 5018096-0-0

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1

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REWORK INSTRUCTIONS:FOR M3119-KL003ETCH CUT

1.1 SIDE 2, CUT TRACE BETWEEN E14-32 AND E23-98.

REWORK INSTRUCTIONS: M3119-KL004.ETCH CUTS SIDE 1:4-1 MAKE A CUT TO THE ETCH DISCONNECTING E40 PIN 10
FROM E38 PIN 10.4-2 MAKE A CUT TO THE ETCH CONNECTING TO E40 PIN 8.
(CUT SHOULD BE MADE NEAR PIN).ETCH CUTS SIDE 2:4-3 MAKE A CUT TO THE ETCH DISCONNECTING E40 PIN 6
FROM E10 PIN 2.4-4 MAKE A CUT TO THE ETCH DISCONNECTING E39 PIN 6
FROM E40 PIN 1.4-5 MAKE A CUT TO THE ETCH CONNECTING TO E40 PIN 9.
(CUT SHOULD BE MADE NEAR PIN).

..

D

D

C

C

B

B

A

A

REVISION HISTORY		
REV.	ECO NUMBER	DATE

DWD 150C
REV 0100-10-REV 0000

8

7

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4

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2

1

TITLE ETCH CUT
DRAWING

DOCUMENT NUMBER			
SIZE CODE	NUMBER	REV.	
KEC	5018096-0-0	D	
SCALE NONE		SHEET 3 OF 3	

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1
1	1	BC19N-12		12FT,50P CHAMP TO 4 25P DSUB,44 WI	2

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A	DRN: C.IVE	D I G I T A L				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 04-FEB-87					
---	INITIAL	A	[A]	01		CHK'D: P.DAMPIER	TITLE PARTS LIST				
			[B]			DATE: 04-FEB-87	CXY08				
			[C]			DES.ENG: T.CREEDON	CABLE CONCENTRATOR KIT				
			[D]			DATE: 04-FEB-87	DOCUMENT NUMBER				
			[E]				SIZE	CODE	NUMBER	REV	
			[F]			RESP.ENG.: J.OCALLAGHAN					
			[H]			DATE: 04-FEB-87	K	PL	7024314-0-DBP	A	
			[J]								
						MFG.ENG: R.COOKE	RELEASE DATE: 23-APR-87				
						DATE: 04-FEB-87	RELEASE STATUS: RELEASED				
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #		
			7024314			K-PL-7024314-0-DBP	7024314A1.PLS		11		

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AUTOMATED BY VAXKPL (V2.1)

OWNER: BXC

PARTS LIST

SHEET A1

OF A1

PAGE 1 OF 1

QUANTITY PER VARIATION/REVISION

LINE ITEM TOP DOCUMENT

PART NUMBER MIN REV

DESCRIPTION

01 02
A02 A03

1	1	D-AD-7023981-0-DBU	70-23981-01	BULKHEAD FRONT ASSY	-	1
2	2	C-AD-7024071-0-DBU	70-24071-01	PANEL, GAP FILLER ASSY	2	-
3	3	A-PS-3618460-0-0	36-18460-06	*** THIS ITEM IS NOT USED ***	-	-
4	4		99-07978-01	FOL,B,200PSI S-GRAPHICS	1	1
5	5		99-06200-00	FILM,ANTISTATIC CELLULAR	A/R	A/R
6	6	SEE NOTE # 6	36-26883-01	LABEL,MODULE NUMBER,S-BOX,BLANK	-	2
7	7		99-06557-10	BAG,POLY RECLOSE 2 MIL THK CLEAR	-	1

6 NOTE: PLACE ITEM 6(36-26883-01) IN POLY BAG(ITEM 7)

1 GEN: THE SHIP'G CARTON IS REQUIRED TO HAVE NECESSARY IDENT MARK'G STD 178. METHOD OF MARK'G IS PER MFG'S DISCRETION

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: PAUL GAGNE		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 19-DEC-86		CHK'D: D. HEALY		TITLE PARTS LIST				
---	INITIAL	A	[A] 01,02		DATE: 01-MAY-87		DATE: 01-MAY-87		KIT, BULKHEAD PANEL				
WK	7024505-ML001	B	[B]				DES.ENG: W. KERCHNER						
WK	7024505-BXC002	C	[C]				DATE: 01-MAY-87						
			[D]				DATE: 01-MAY-87		DOCUMENT NUMBER				
			[E]				RESP.ENG.: W. KERCHNER		SIZE		CODE	NUMBER	REV
			[F]				DATE: 01-MAY-87		K		PL	7024505-0-DBP	C
			[H]				MFG.ENG: R. MCCLAIN		RELEASE DATE: 29-NOV-89				
			[J]				DATE: 01-MAY-87		RELEASE STATUS: RELEASED				
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #				
			7024505				K-PL-7024505-0-DBP		2				
			FILE NAME: MLA1057C.PLS										
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