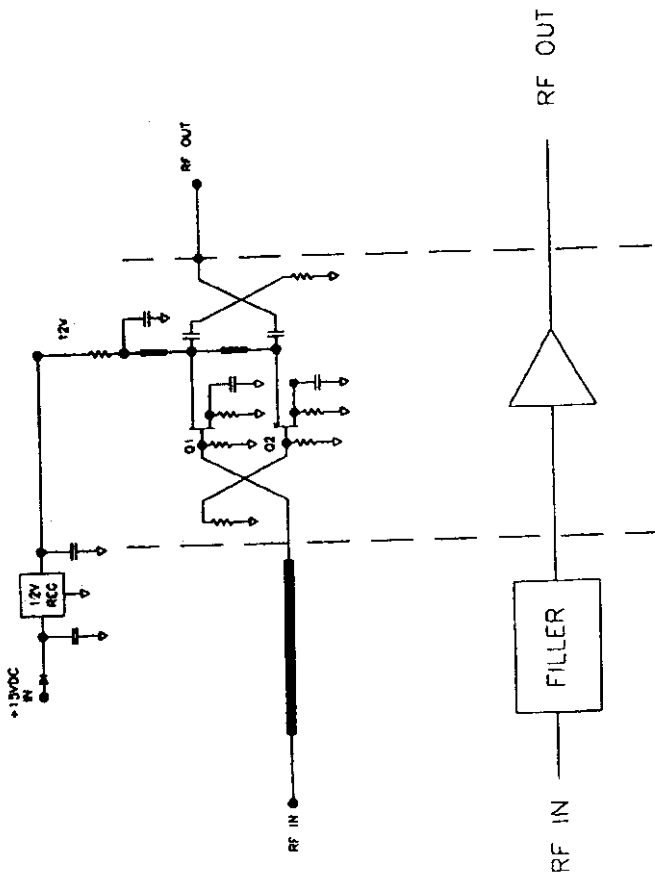


REV	DESCRIPTION	ECO	PLD

A2, A6
JCA COMPANY CONFIDENTIAL

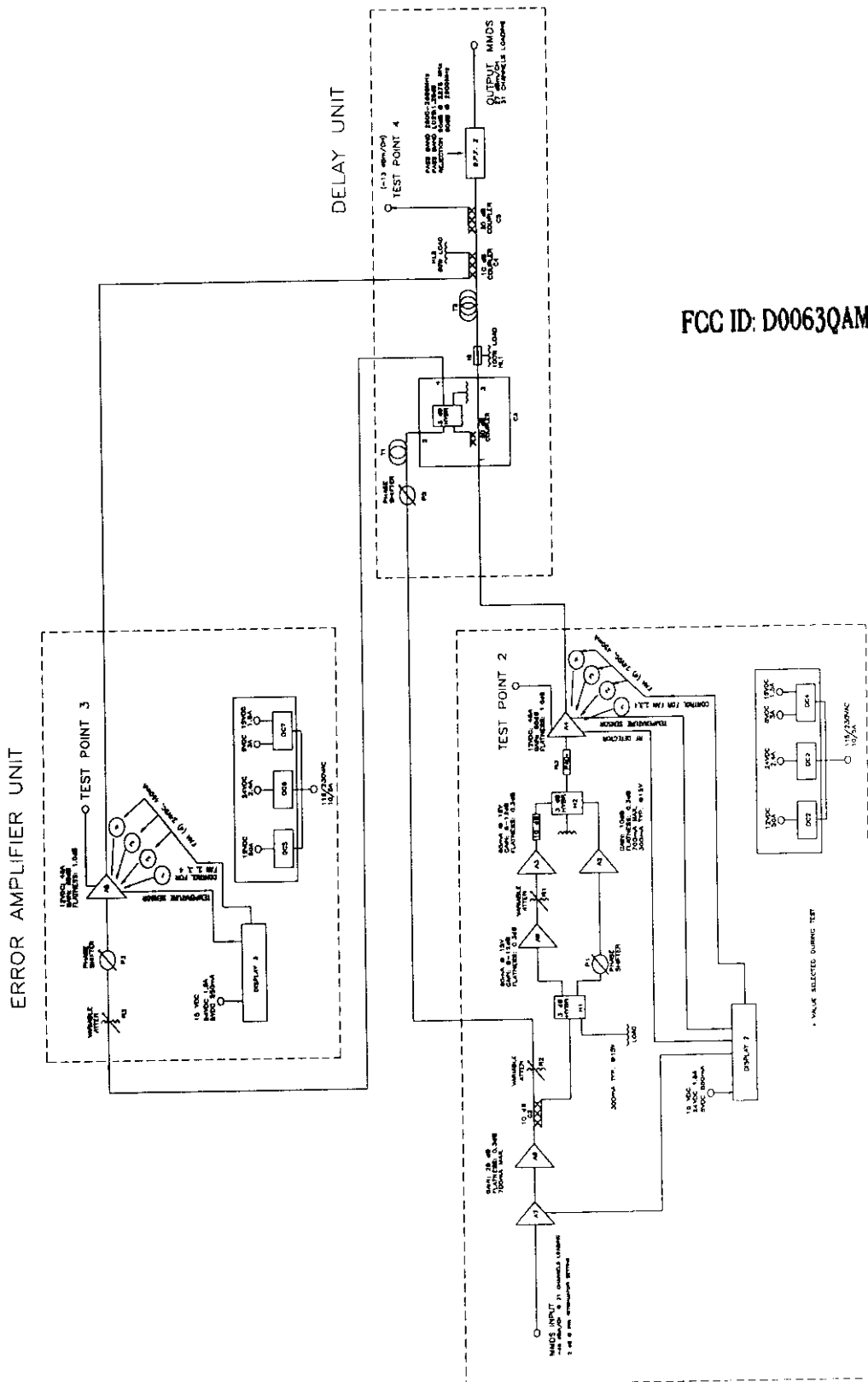
FCC ID: D0063QAMLMBRP-400



TOLERANCES		DRAWN BY	DATE
XX = ±0.1		J. ROACH	7/31/97
XXX = ±0.05		CHECKED BY	
MATERIAL		ENGINEER	
FINISH		DUALITY	
		APPROVED	
		JCA PROPRIETARY	
		JCA	
		FIRST USED ON	
		SCALE	NTS
		QTY/ASSY	SHEET 1 OF 1
JCA TECHNOLOGY INC			
SCHEMATIC			
FOR JCA23-2173			
RELEASED DRAWING. SIGNATURES NOT REQUIRED FOR COMMERCIAL USE ONLY			
SIZE	CODE IDENT	DWG. NO	REV
B	92454	29467	

JCA COMPANY CONFIDENTIAL

JCA COMPANY CONFIDENTIAL



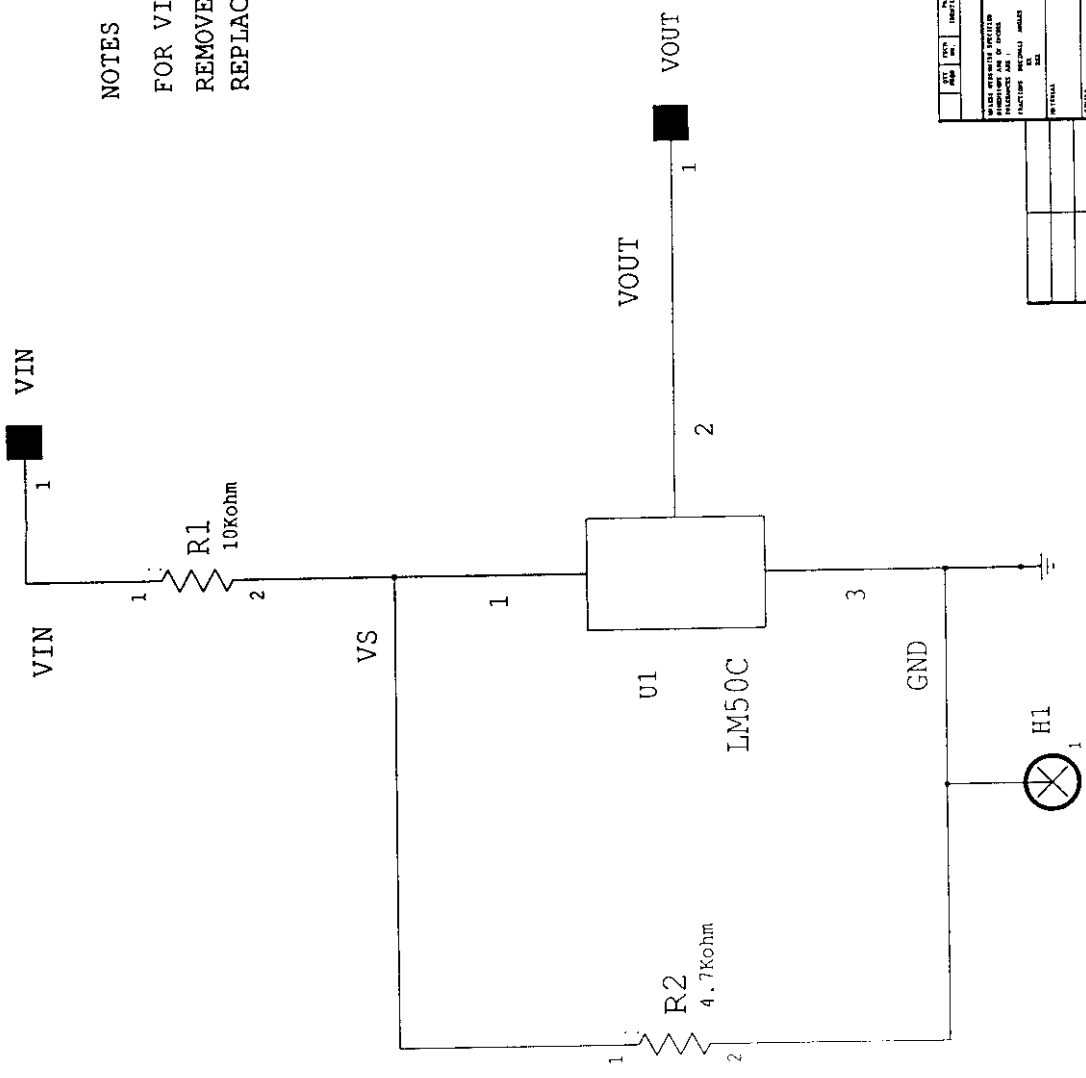
FCC ID: D0063QAMLMBRP-400

FIGURE 1. MBRP-400 BLOCK DIAGRAM

1 3 4 5 6 7 8

REV	NO.	DATE	BY	CHKD	DATE	BY	CHKD
1	2013099	11/1/97					
REVISIONS							
NO.	REV.	DATE	BY	CHKD	DATE	BY	CHKD
1		06/19/97	T.T.				
RELEASE FOR FINAL PRODUCTION							

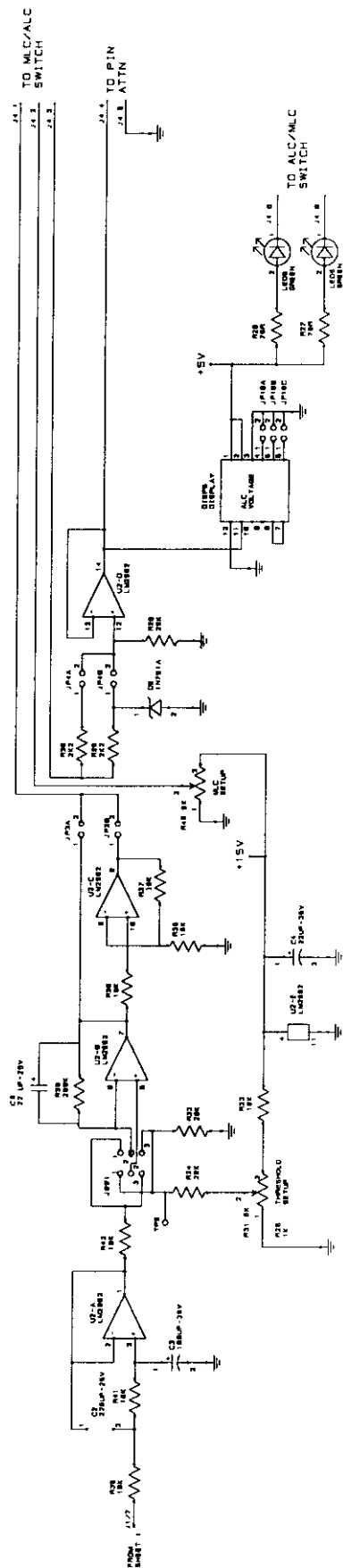
NOTES
 FOR VIN = 8VDC
 REMOVED R2
 REPLACED R1 WITH A JUMPER



FCC ID: D0063QAMLMBRP-400

PARTS LIST				TEMPERATURE SENSOR			
QTY	REF	DESCRIPTION	MANUFACTURER	QTY	REF	DESCRIPTION	MANUFACTURER
1	U1	LM50C	TEXAS INSTRUMENTS	1	2013009	Temperature Sensor	TECHNICAL
1	R1	10Kohm	RESISTOR	1	D	TEMPERATURE SENSOR	TECHNICAL
1	R2	4.7Kohm	RESISTOR	1	A	TEMPERATURE SENSOR	TECHNICAL
1	H1	Light Bulb	Light Bulb	1	1	TEMPERATURE SENSOR	TECHNICAL

Modified 8/18/97
 Removed C2
 Replaced R25 with a short
 Add C5
 Change R37 value to 10K



FCC ID: D0063QAMLMRBP-400

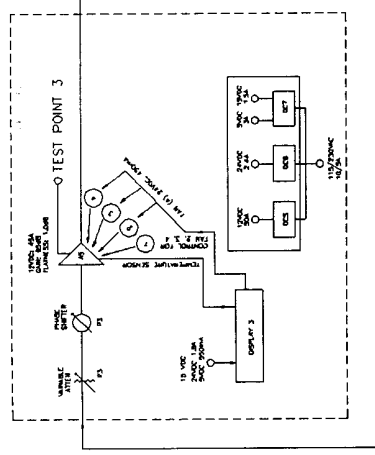
AML WIRELESS SYSTEMS INC.			
APPROVALS	DATE	TITLE	
DESIGN	7/18/97	MMOS REPEATER	
CREATED	7/18/97	DISPLAY PANEL	
REVISED	7/18/97	DISPLAY PANEL	
CAD NUMBER		SCALE	N.T.S.
		SHEET	2 OF 2

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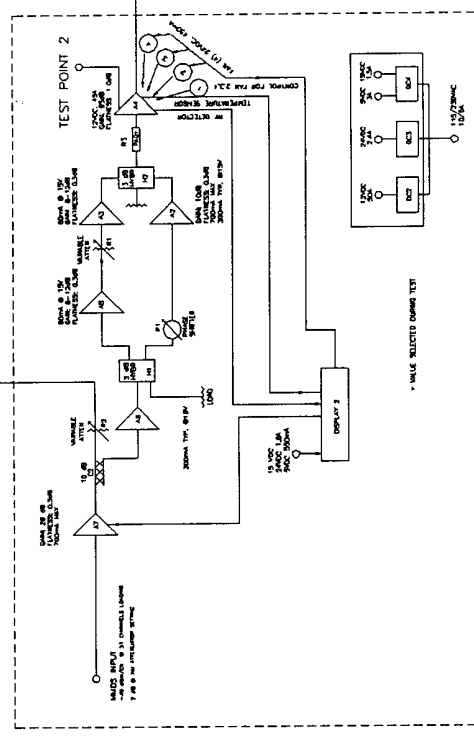
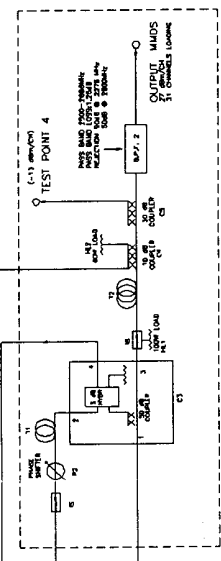
NOTES:

REV	DATE	DESCRIPTION	APPROVED

ERROR AMPLIFIER UNIT



DELAY UNIT



POWER AMPLIFIER UNIT

FIGURE 1. MBRP-400 BLOCK DIAGRAM

FCC ID: D0063QANLMBRP-400

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AML WIRELESS SYSTEMS INC.
250 SAULTEUX CRESCENT
WINNIPEG, MANITOBA, CANADA

DESCRIPTION

MBRP-400

FILENAME

G:\ADMIN\AMDS\SCHEMATIC\MBRP_400.DWG

SIZE

TSCN NO.

DWG NO.

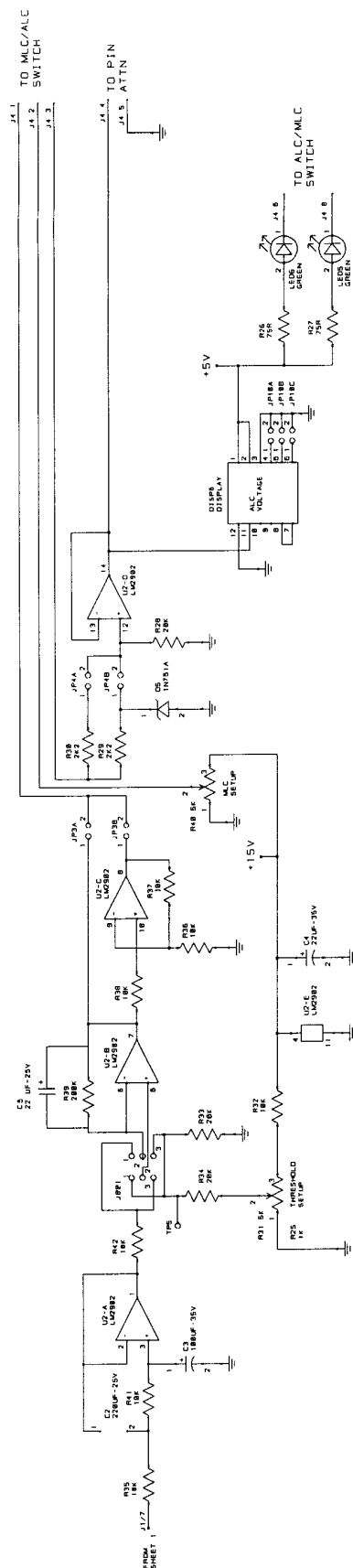
REV

SCALE

AS SHOWN

SHEET 1 of 1

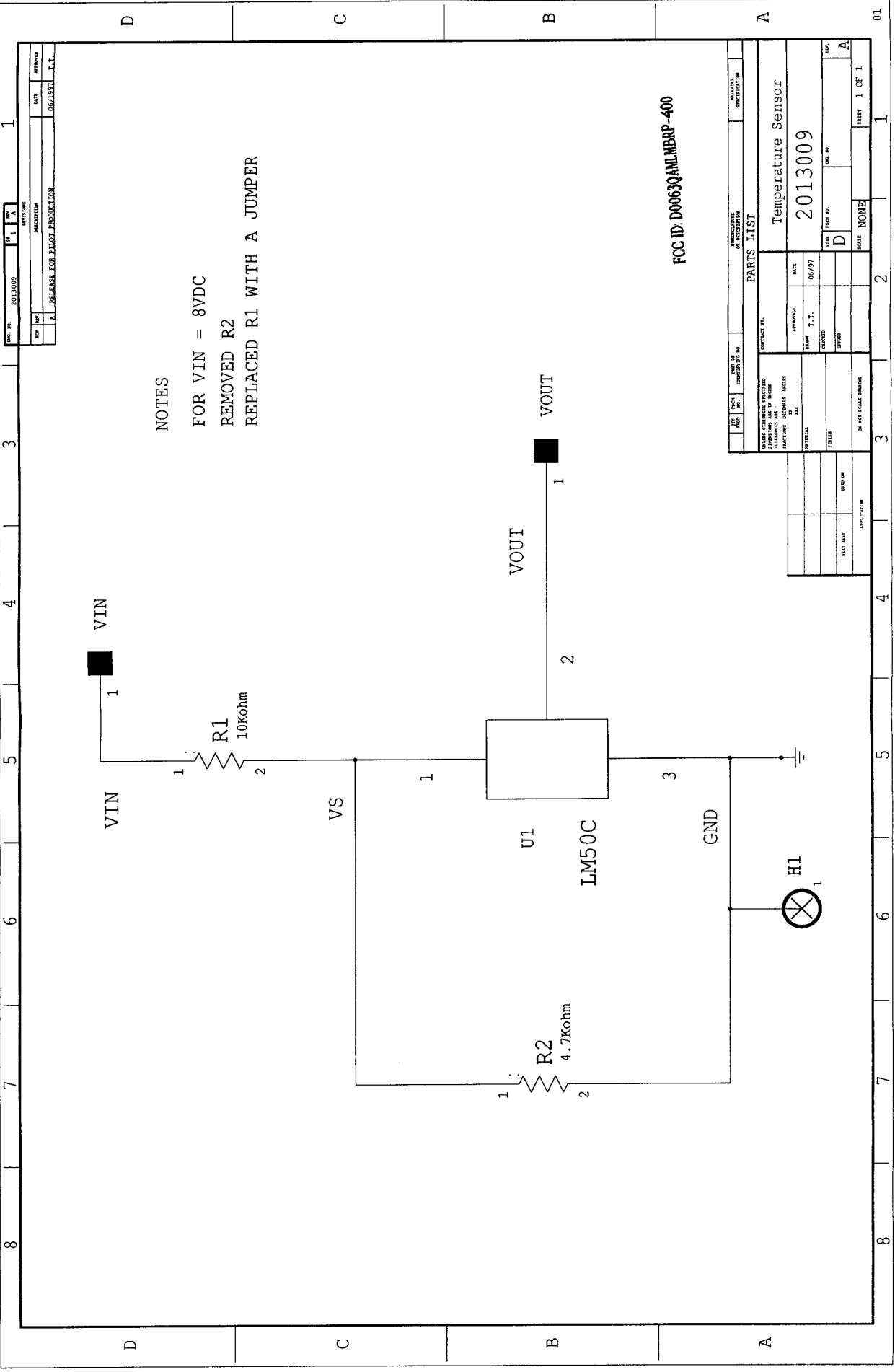
Modified 8/18/97
 Removed C2
 Replaced R25 with a short
 Add C5 with a short
 Change R37 value to 10K



FCC ID: D00630AMLHBRP-400

APPROVALS		DATE	TITLE
DRAWN	BRNAG	21 BS 97	MMS REPEATER
CHECKED	T. KMTA		DISPLAY PANEL
MODIFIED	T. KMTA	02/09/97	DRAWING NO.
CAD	HAD02		SCALE
			N.T.S.
			SHEET
			2
			1

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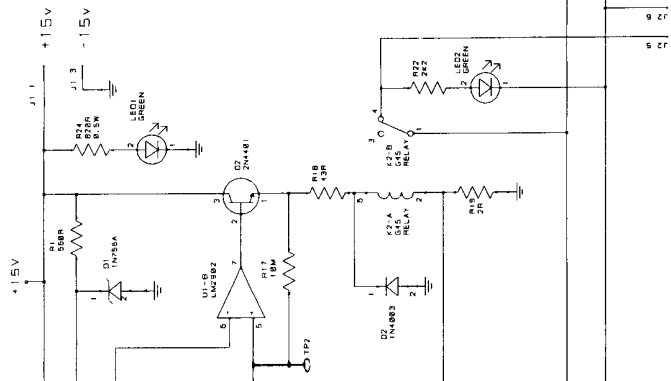


NOTES

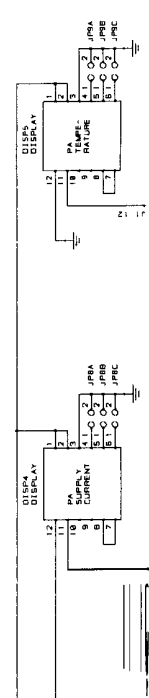
FOR VIN = 8VDC
REMOVED R2
REPLACED R1 WITH A JUMPER

FCC ID: D0063QAMLMRP-400

PARTS LIST				REVISIONS	
ITEM NO.	DESCRIPTION	QTY	UNIT	DATE	BY
1	LM50C	1	IC	06/19/97	J.L.
2	10kOhm	1	R		
3	4.7kOhm	1	R		
4	Temperature Sensor	1	S		
5	2013009	1	P		
6	1 OF 1	1			

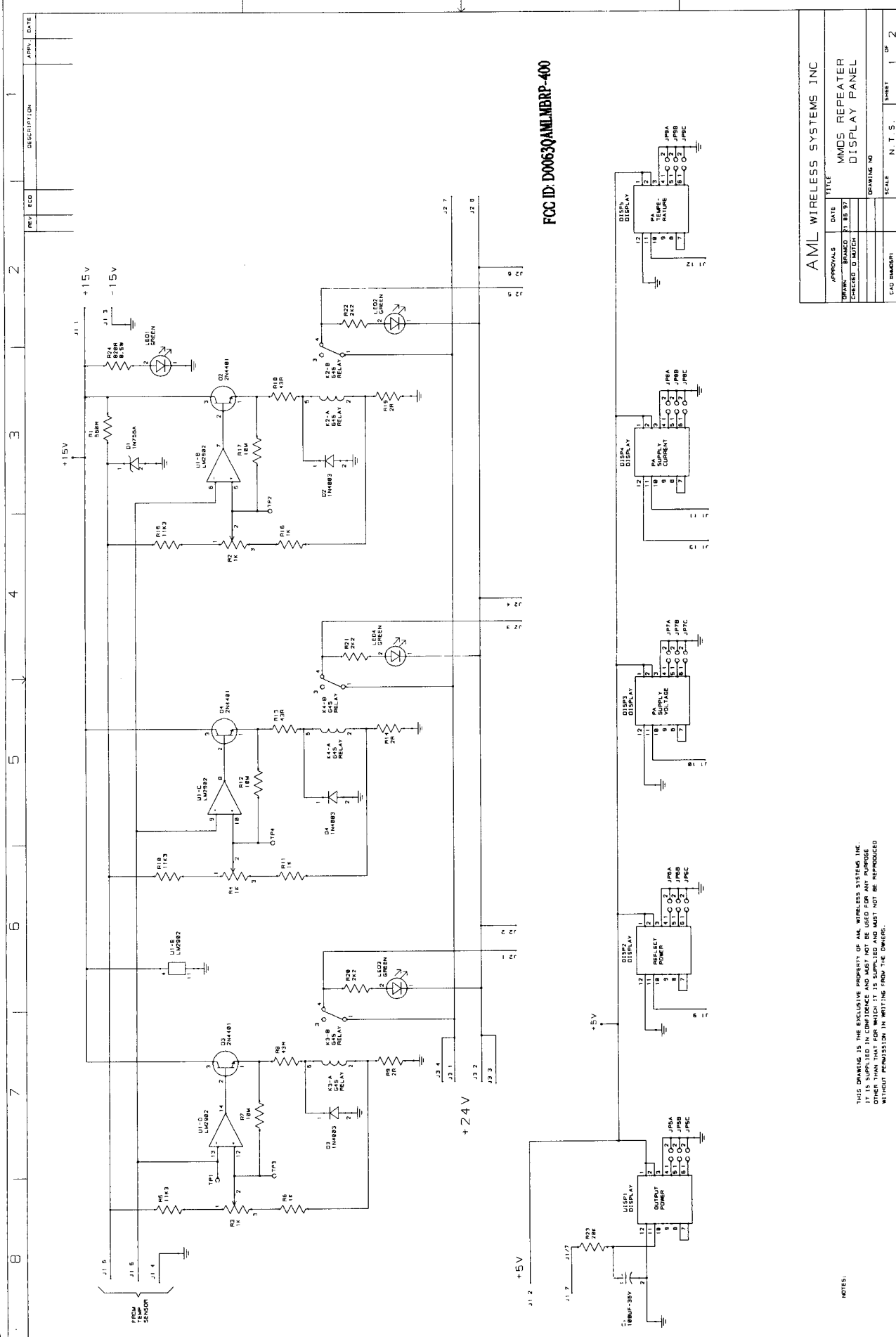


FCC ID: D00630AMLMBRP-400



AML WIRELESS SYSTEMS INC			
APPROVALS	DATE	TITLE	
DESIGNED BY	31 MAR 97	MMS REPEATER	
CHECKED BY		DISPLAY PANEL	
DRAWING NO			
SCALE	N.T.S.		
SHEET	1	OF	2

3



FCC ID: D00630AMLMBRP-400

AML WIRELESS SYSTEMS INC			
APPROVALS	DATE	TITLE	
DESIGNED BY	31 BS 97	VMDS REPEATER	
CHECKED BY		DISPLAY PANEL	
DRAWING NO			
SCALE	N.T.S.		
SHEET	1	OF	2

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NOTES: