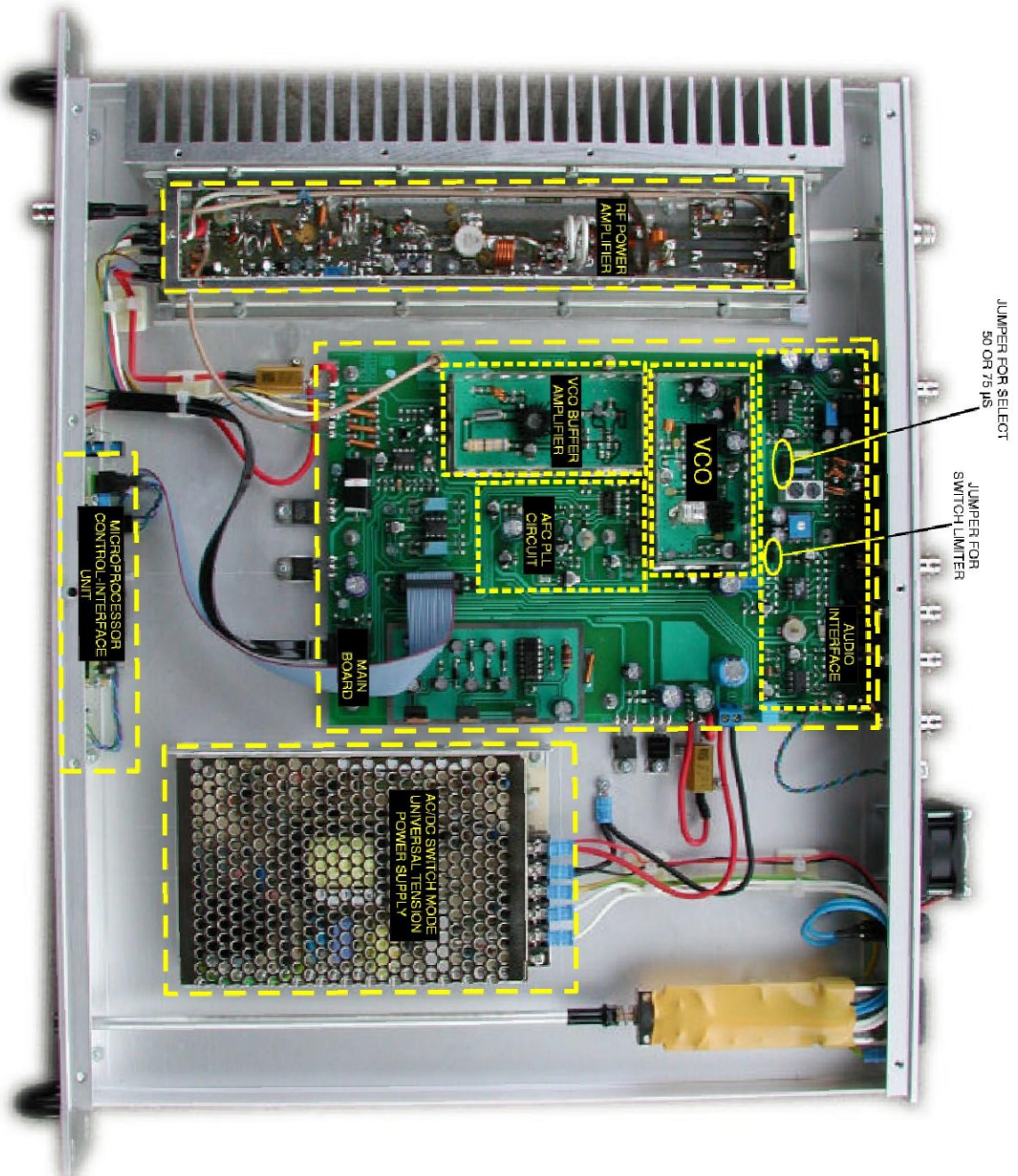


- 1 - MAIN SUPPLY CONNECTOR
- 2 - AC FUSE 1A
- 3 - FAN
- 4 - DB 9 PIN INPUT / OUTPUT CONNECTOR FOR TELEMETRY (opt.01)
- 5 - BNC FEMALE FOR CONNECTION OF THE INTERLOCK LOOP - A CONNECTION TO GROUND INHIBIT RF POWER
- 6-7-8- BNC FEMALES FOR SUBCARRIERS GENERATORS INPUTS
- 9-10-11- SCA INPUT ADJUSTING LEVELS
- 12 - XLR FEMALE BALANCED MODE MONO AUDIO INPUT
- 13 - MONO INPUT ADJUSTING LEVEL
- 14 - BNC FEMALE FOR THE COMPOSITE MPX INPUT
- 15 - MPX INPUT ADJUSTING LEVEL
- 16 - N FEMALE FOR RF OUTPUT POWER

TITLE		
REAR PANEL LAYOUT		
DATE	DRAWING NO.	
SEPT 2000	rearpan1.cdr	



JUMPER FOR SELECT
50 OR 75 μ S

JUMPER FOR
SWITCH LIMITER

TITLE

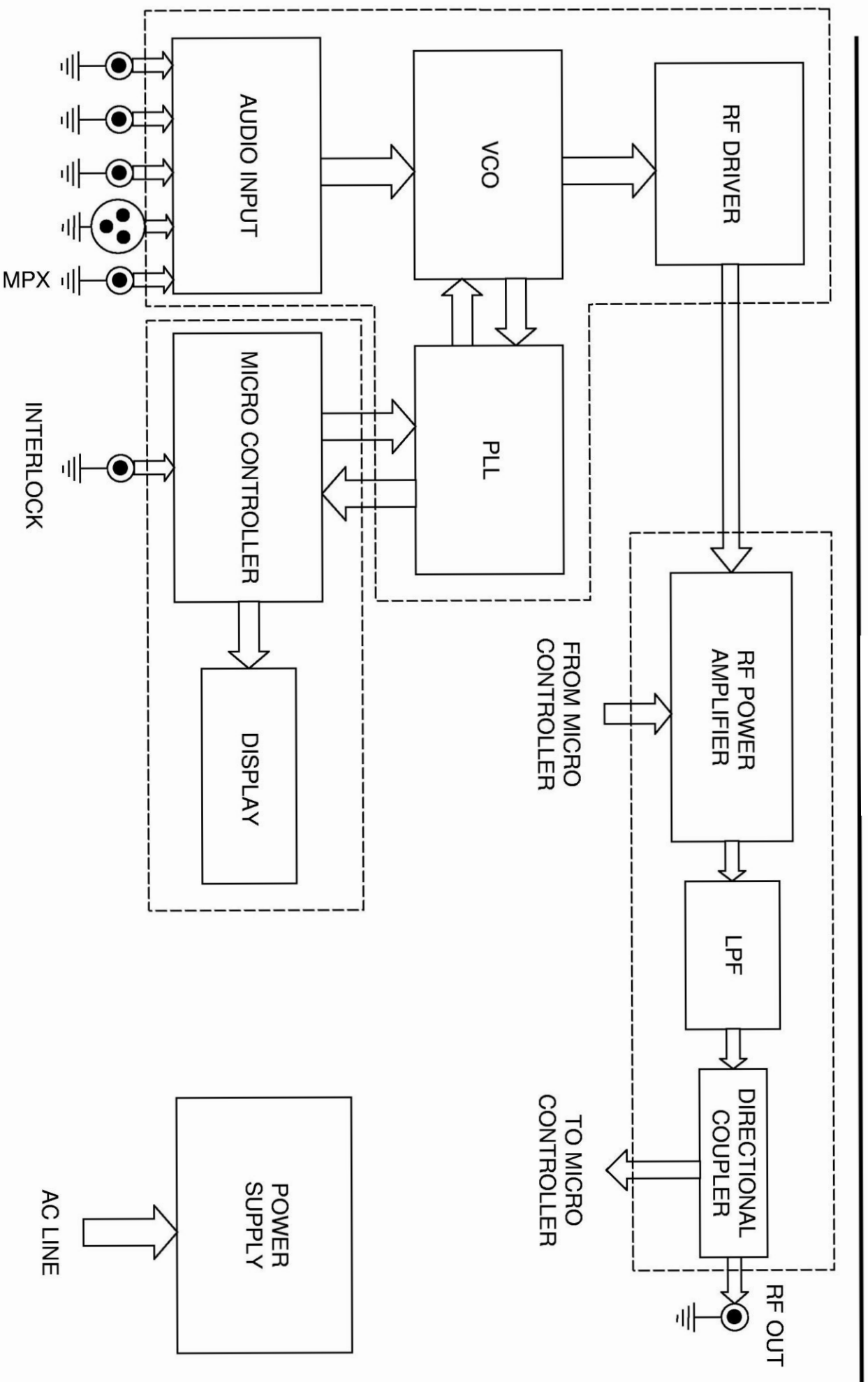
INSIDE LAYOUT

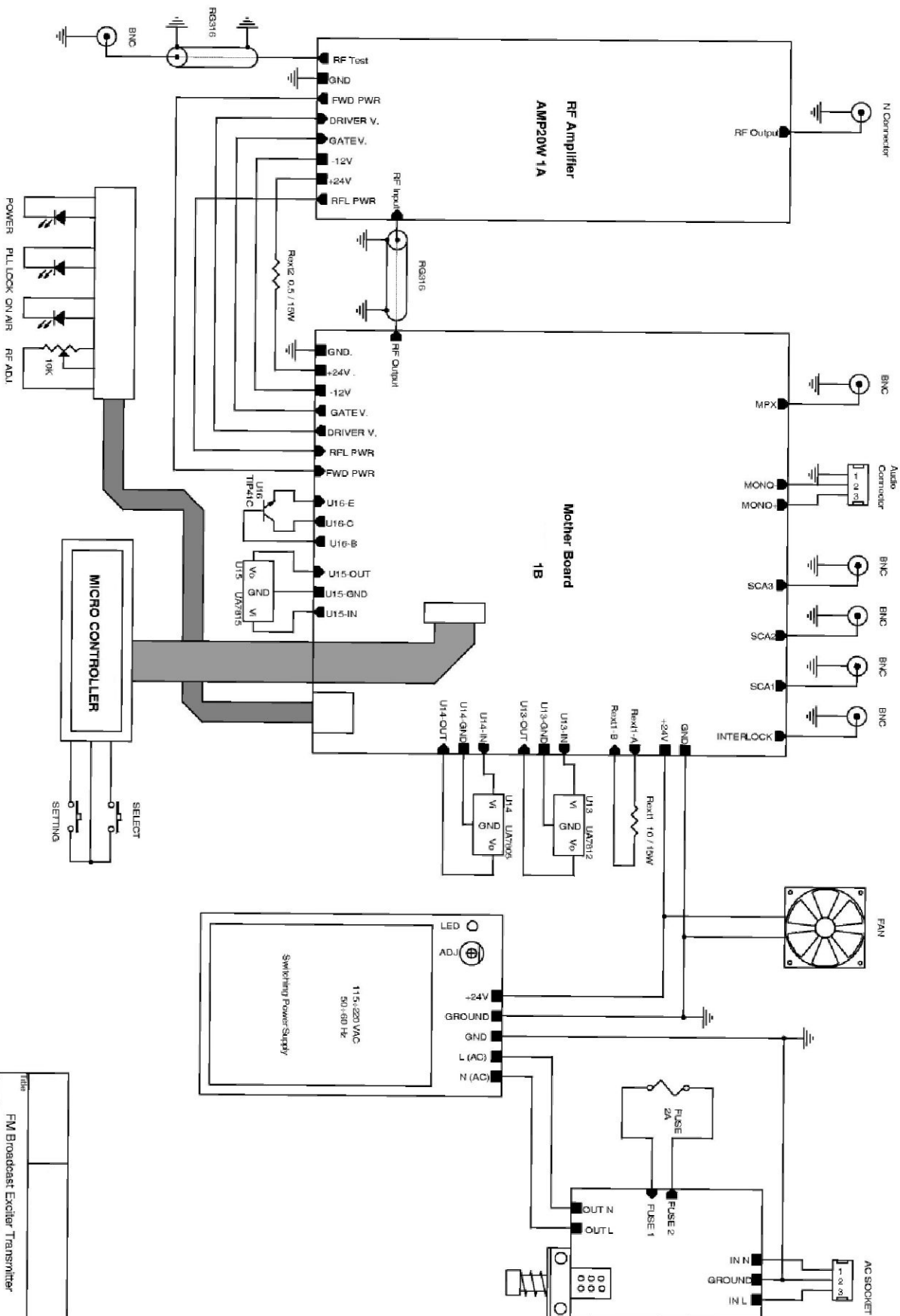
DATE SEPT 2000

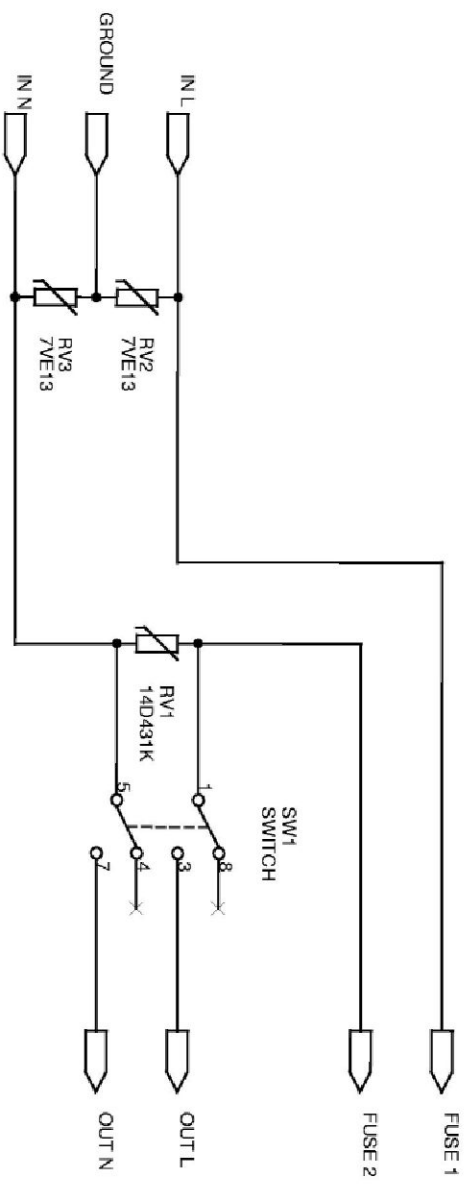
DRAWING NO.
inside1.cdr

Technical specifications

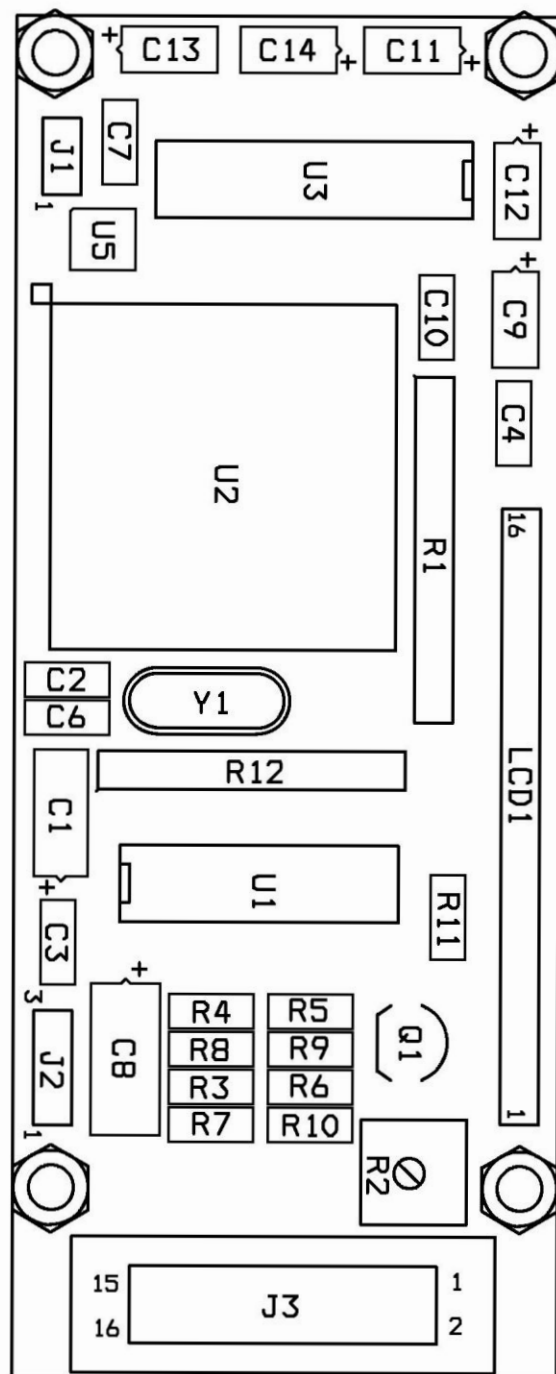
FREQUENCY RANGE:	87.5 ÷ 108 MHz
MODULATION:	FM
EMISSION CLASS:	F3E
VCO TUNING:	25 MHz
FREQUENCY STABILITY:	± 2.5 ppm
SYNTHESIZER STEP:	10KHz
POWER OUTPUT:	0 ÷ 20 Watts
SPURIOUS EMISSION:	< - 80 dB or better
HARMONIC EMISSION:	< - 70 dB
STEREO SEPARATION:	> 55 dB @ 1KHz
DISTORSION:	< 0.1 % (TYP. 0.06%) @ 1KHz
BASE BAND:	30 Hz ÷ 60 KHz within 0.15 dB
UNWEIGHTED S/N RATIO:	>80 dB (30Hz ÷ 15KHz 50 µS RMS)
ASYNCHRONOUS AM S/N Ratio:	> 70 dB Ref. 100% AM 400Hz
SYNCHRONOUS AM S/N Ratio:	> 65 dB with FM @ 75KHz @400Hz
PRE-ENPHASIS:	50 OR 75 µS Int. selectable
RF OUT CONNECTOR:	N-F 50 Ohm
MPX INPUT CONNECTOR:	BNC-F
MPX INPUT IMPEDANCE:	2 KOhm
SCA INPUT CONNECTOR:	3 BNC-F
COOLING:	Convection for RF PA and a little fan for inside
OP. TEMPERATURE RANGE:	- 10 ÷ +45 °C
MAXIMUM HUMIDITY:	90 %
AC SUPPLY:	100 ÷ 240 VAC - 47 ÷ 63 Hz
DIMENSION:	1 unit rack 19", 360mm depth
WEIGHT:	3.5 Kg

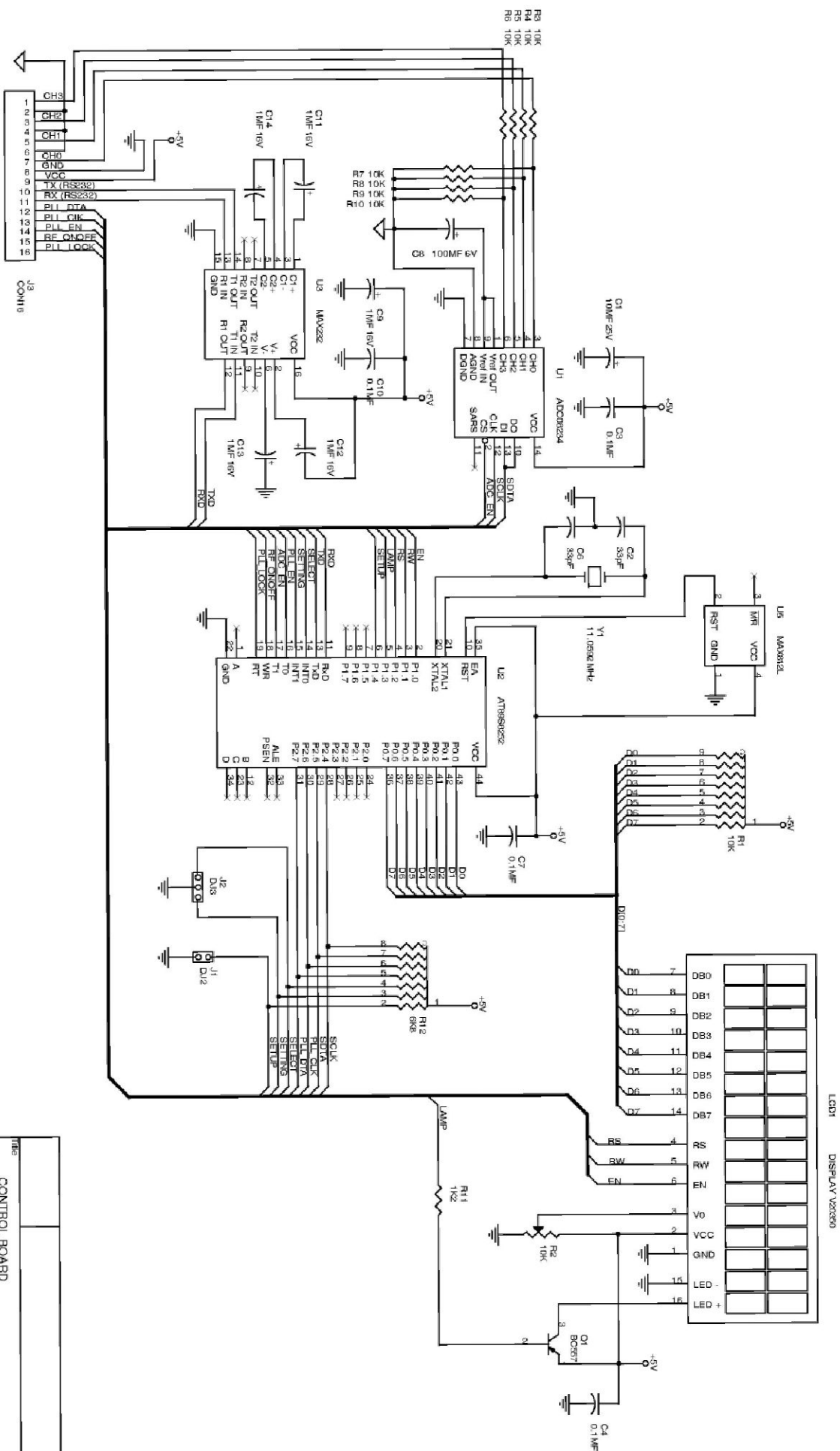






Title		SWITCHER BOARD	
Size	Document Number	VDE01.1	
A			
Date:	Monday, February 26, 2001	Sheet	1 of 1
		Rev	1.0





FILE	CONTROL BOARD
Sheet	Document Number
B	Mod. MICRO00A
DATE: Wednesday, December 27, 2000	Printed 1 of 1
	REV 1.0

