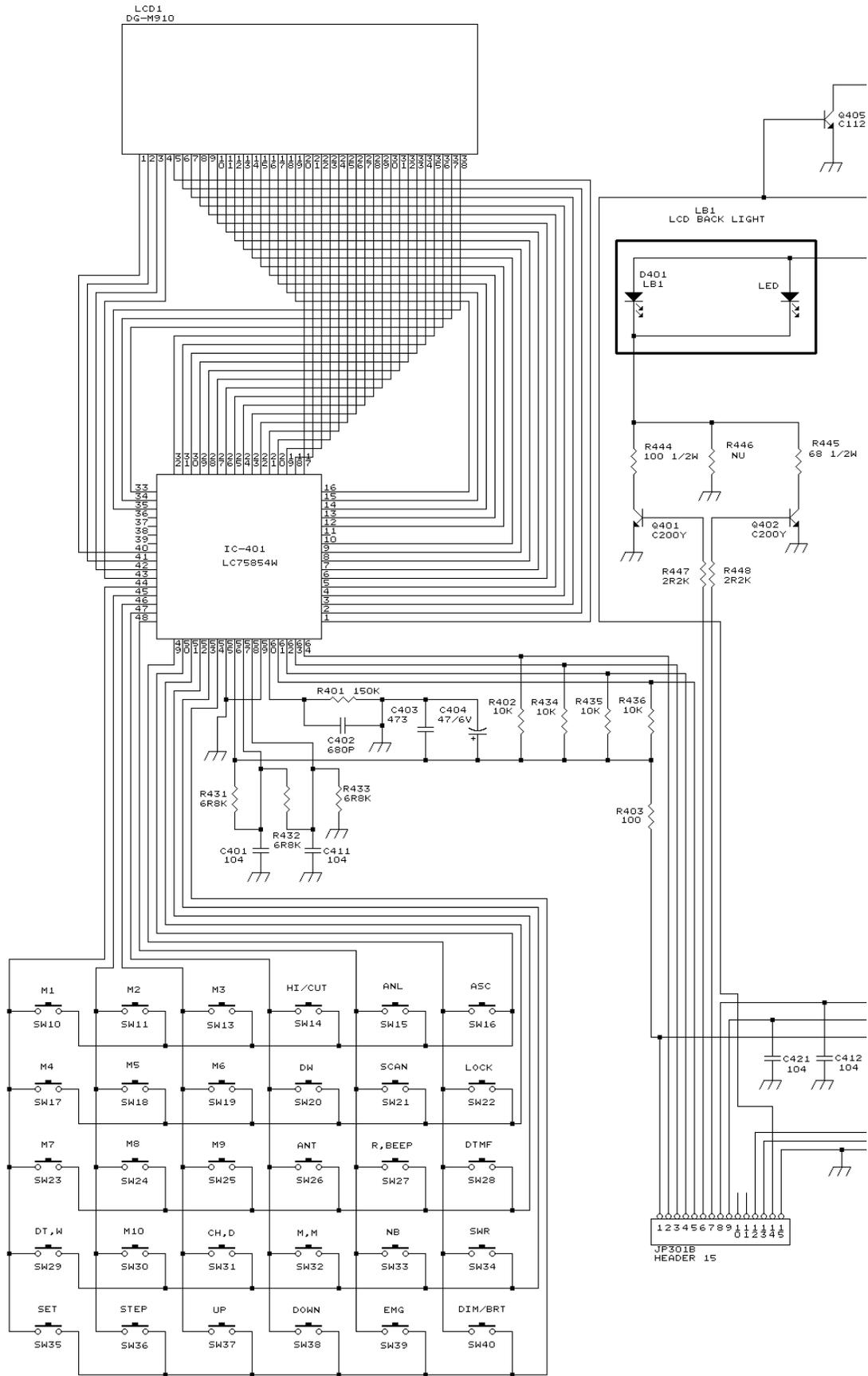


SuperStar 4900B 10 Meter Base Radio

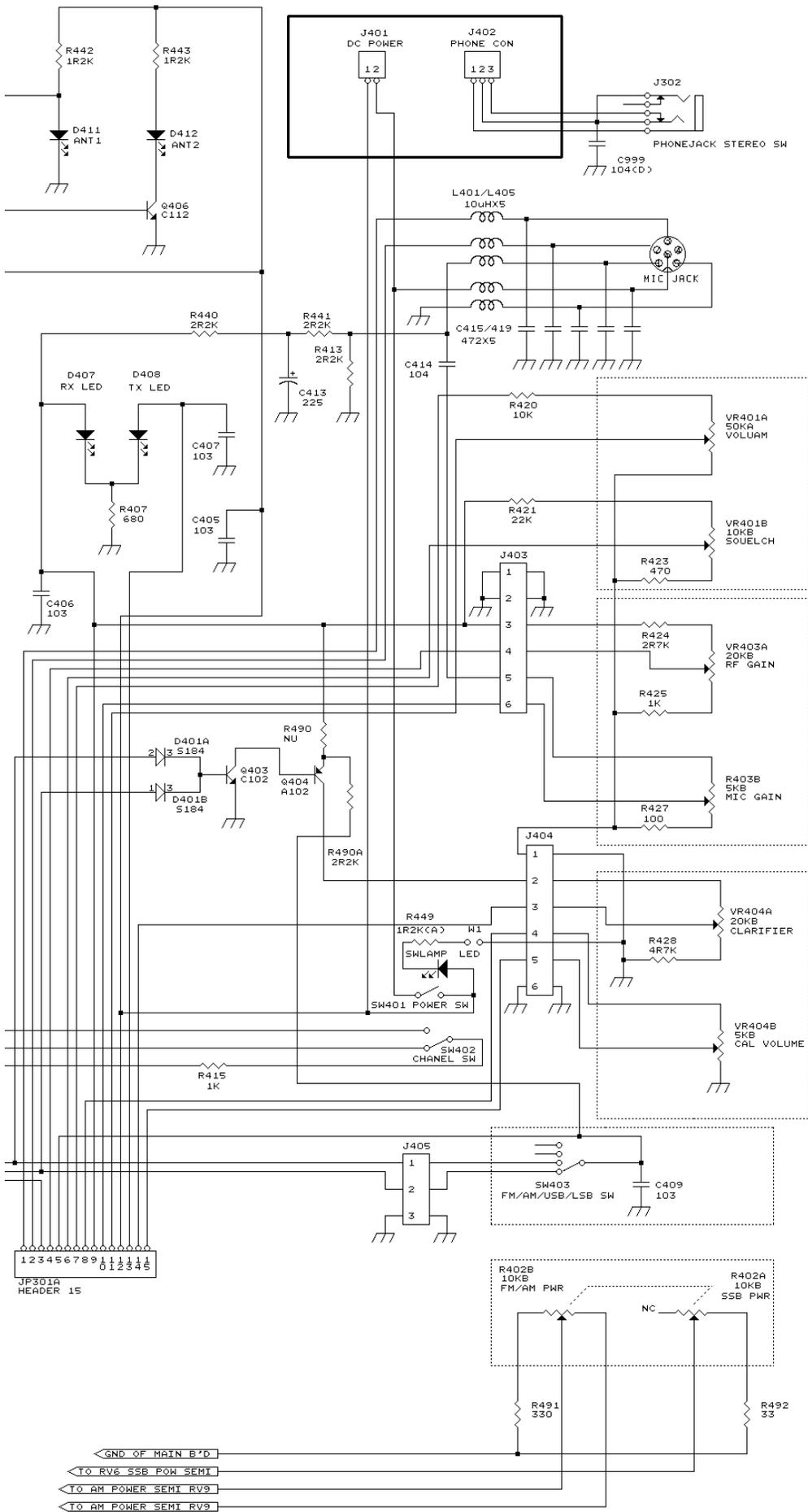


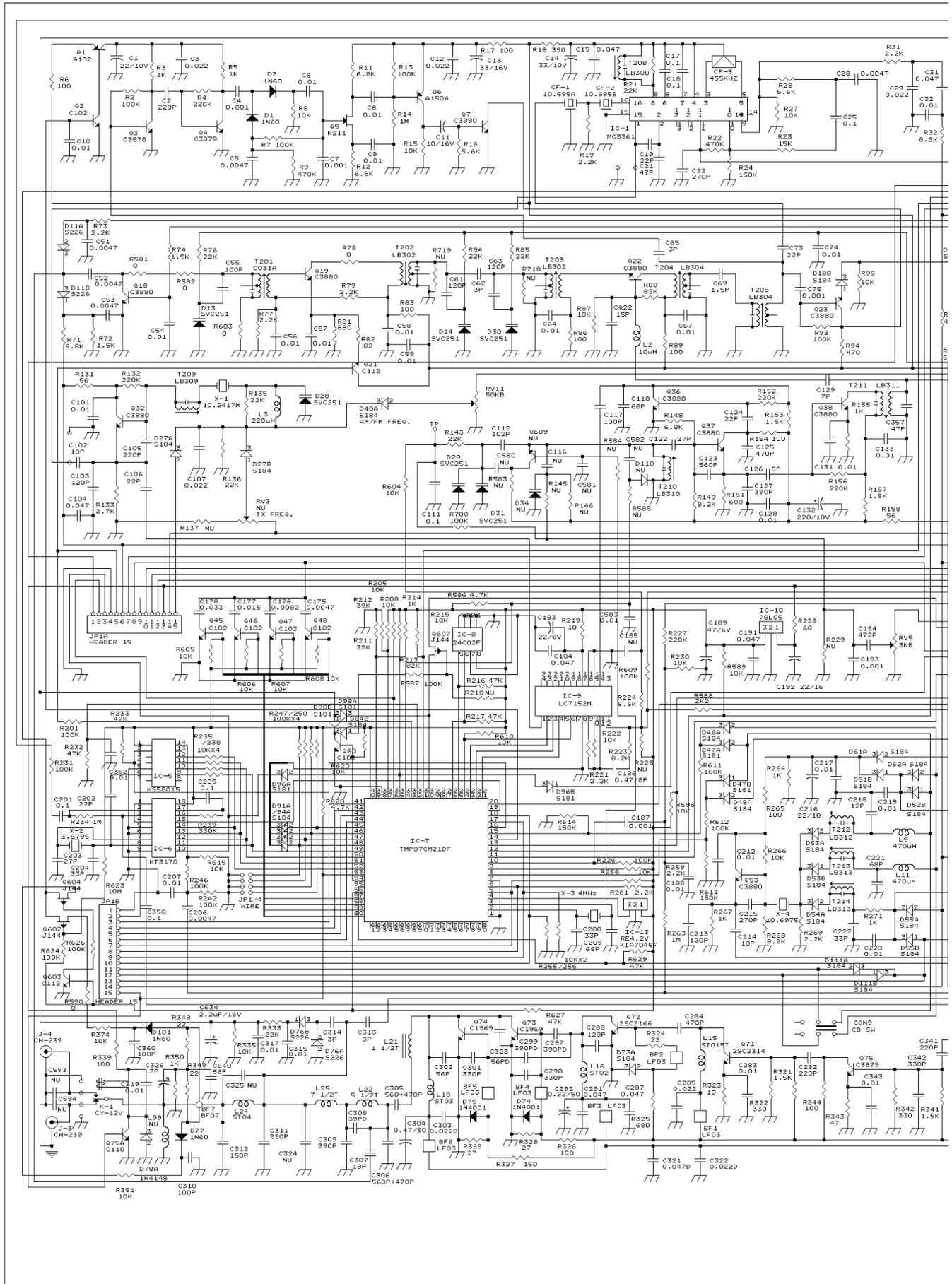
Features:

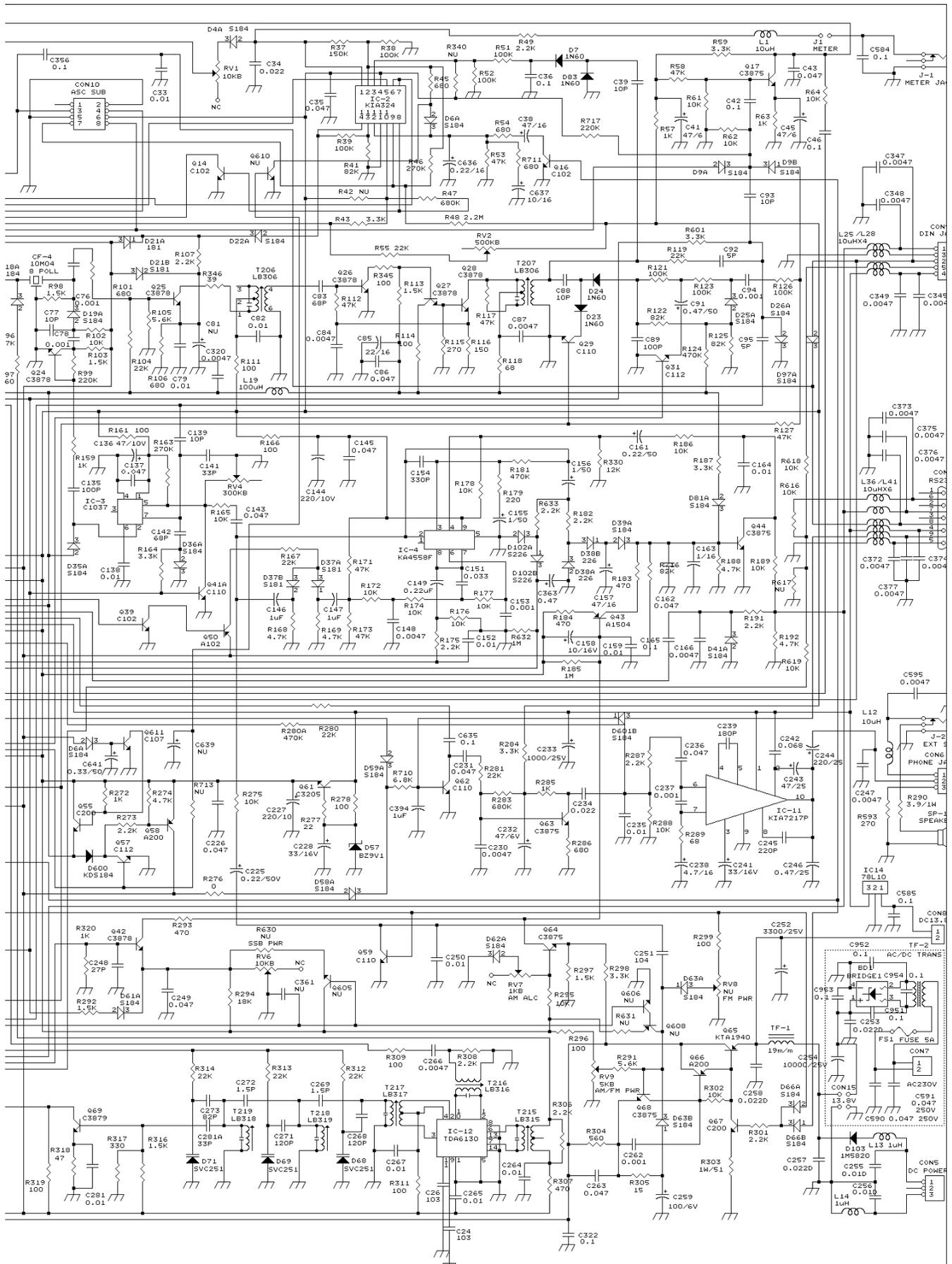
- * 23.815 Mhz to 30.555 Mhz Continuous Coverage (Requires Export Mod)
- * Single Chip Microprocessor Controller (LC72338)
- * Clarifier Control Tracks Both Transmit And Receive (SSB Approx. 40Khz)
- * Programmable Memory Function (Stores Favorite Frequencies)
- * Backlit Liquid Crystal Display (Frequency, Channel, Functions Menu)
- * Digital Meter Scale Displays Signal, Power Output, SWR and Modulation (AM only)
- * Dual Watch Mode (Allows Monitoring Two Freq. Simultaneously)
- * Red/Green Transmit/Receive LED Indicator
- * Two Antenna Connectors on Rear Panel, Push Button Front Panel Selectable.
- * Noise Blanker/Automatic Noise Limiter
- * Roger Beep (Switch Selectable)
- * Variable Mic Gain Control
- * Variable Receive RF Gain Control
- * AM/FM/USB/LSB Operation
- * 25 Watts Variable RF Output Power SSB (2SC2166 X1 - 2SC1969 X2)
- * 10-15 Watts Variable RF Output Power AM (2SC2166 X1 - 2SC1969 X2)
- * Four Step Dimmer lamp Control
- * Split Frequency Capability for Repeater Use
- * Dual Power - 120VAC Operation or 13.8 VDC Operation
- * DTMF Page Mode (Touch Tone Paging)
- * DTMF Auto Reply Function (Touch Tone Auto Signaling)
- * DTMF Coded Squelch Operation (Receiver Muted Until Special DTMF Received)
- * DTMF Encoder Pad (Allows Direct DTMF Frequency Entry)



MAIN PCB







Title	MAIN BOARD
Size	85-29UH
Date	Apr 11 25, 2000

Superstar 4900B, Maycom BS29UH

First Draft On PCB Layouts.

I have a few things to check out on these but look them over and if you see any discrepancies let me know.

Any Help would be appreciated.

Please keep in mind that this PDF prints better than it displays.

Thanks

CBTricks.com

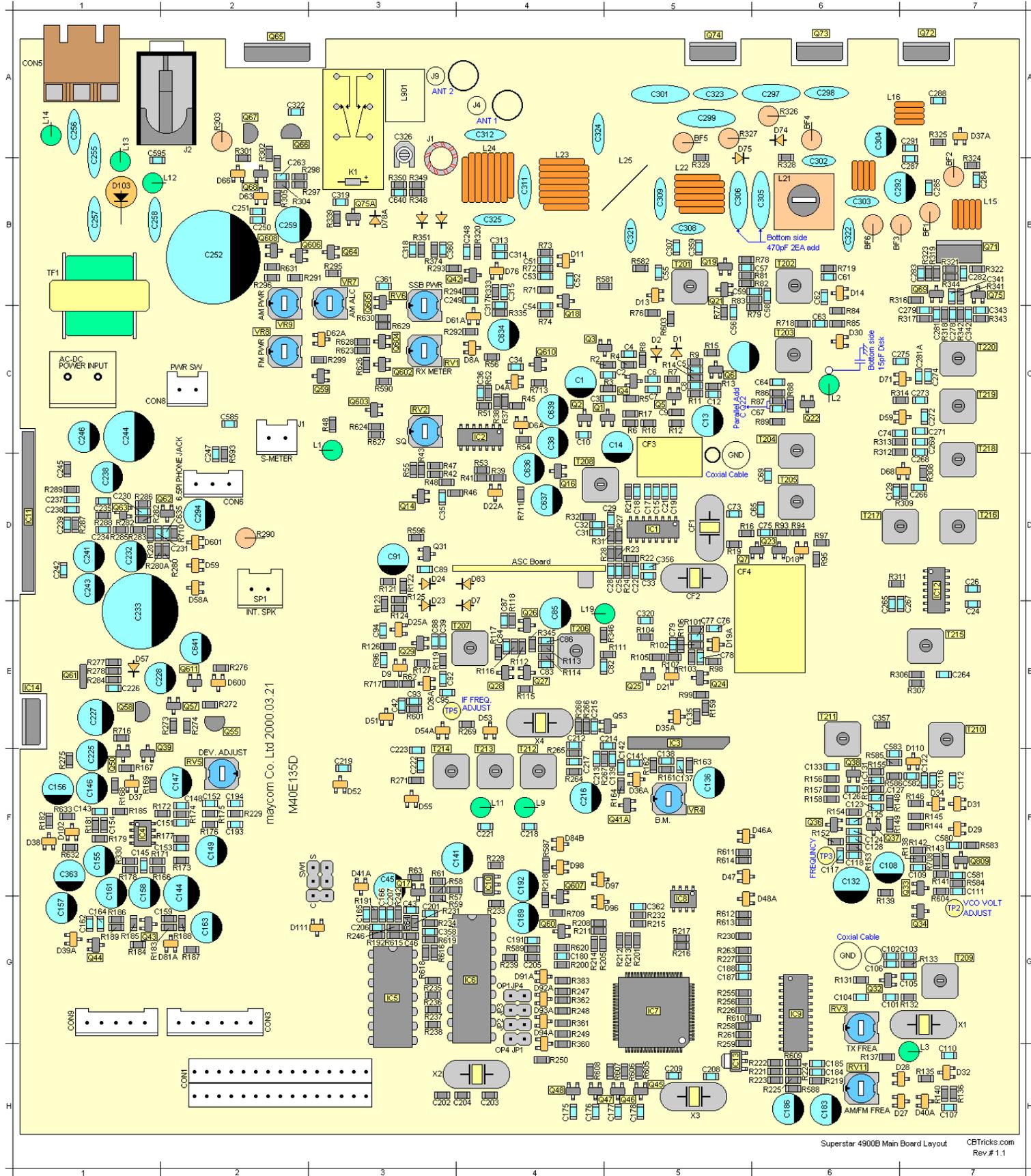
Rev. #1.1

Jan 2001

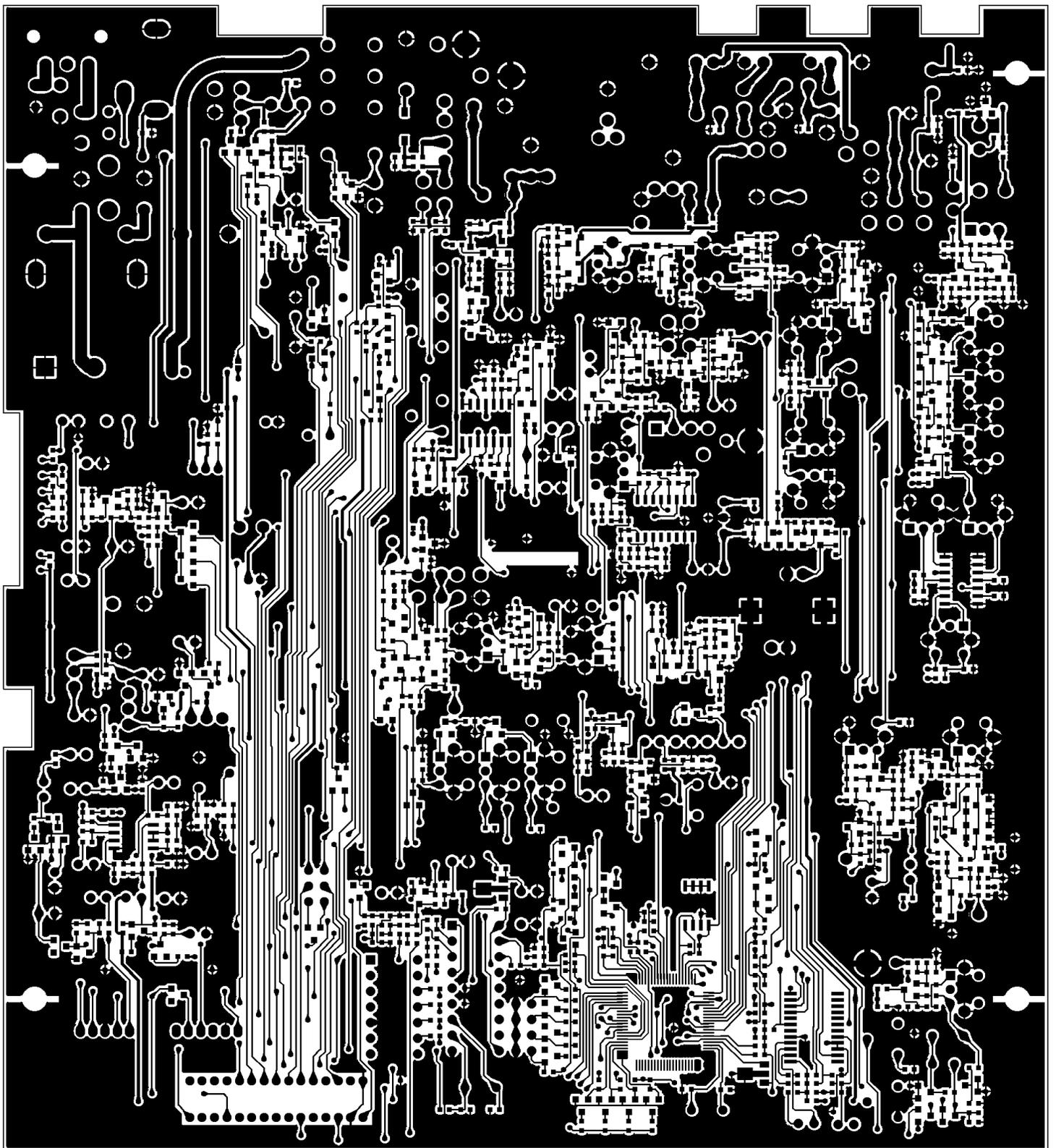
Revision History

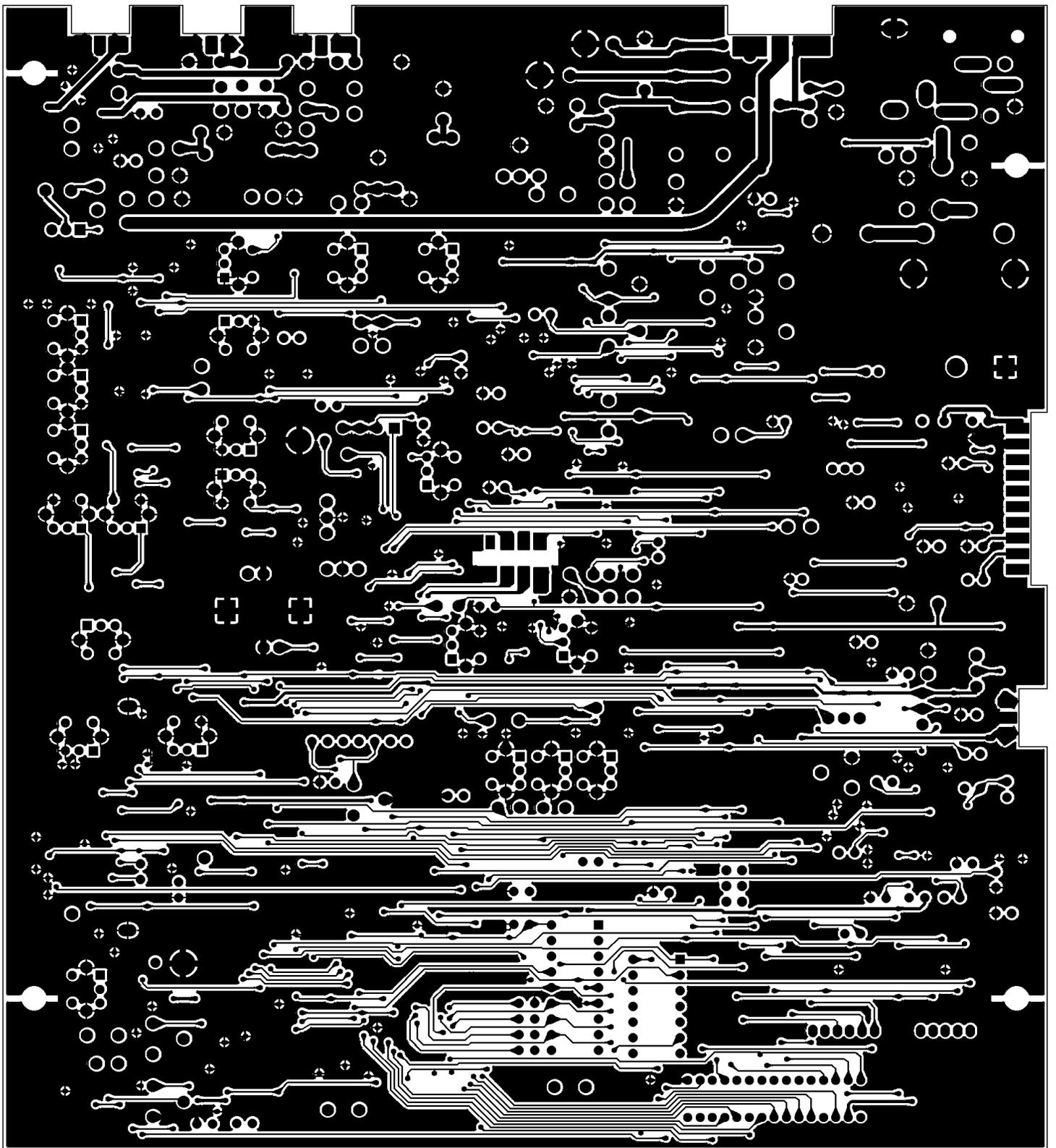
1.0 Created

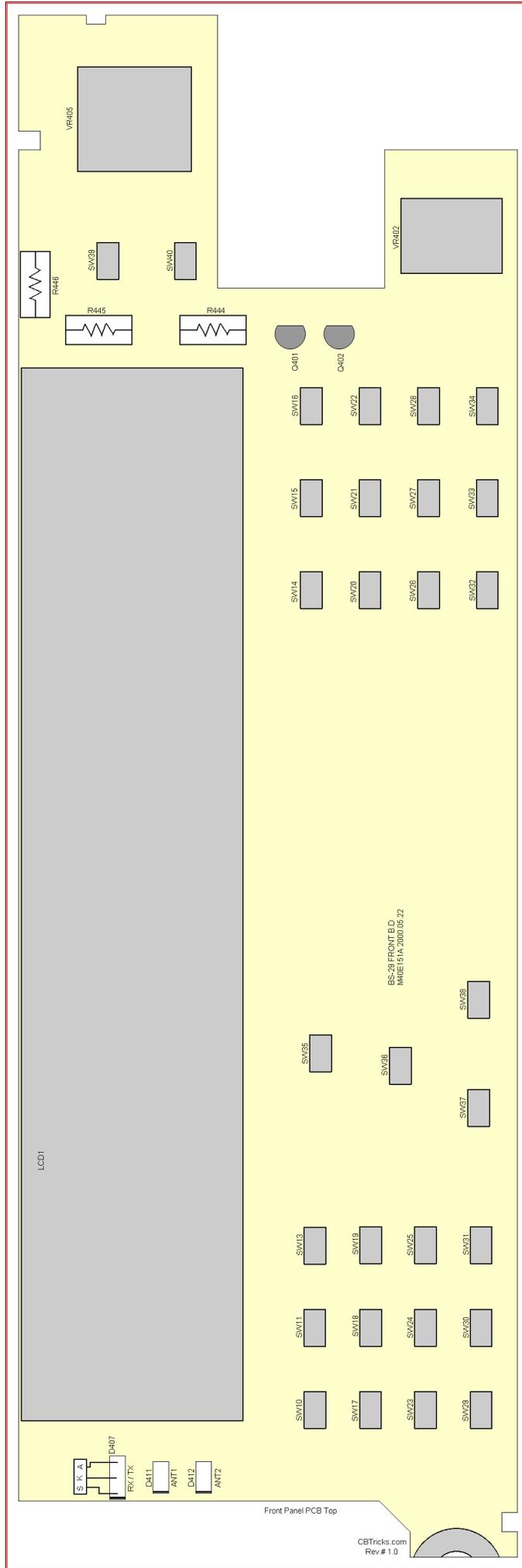
1.1 Put label on IC9 on main board layout



Superstar 4900B Main Board Layout CBTricks.com Rev.# 1.1

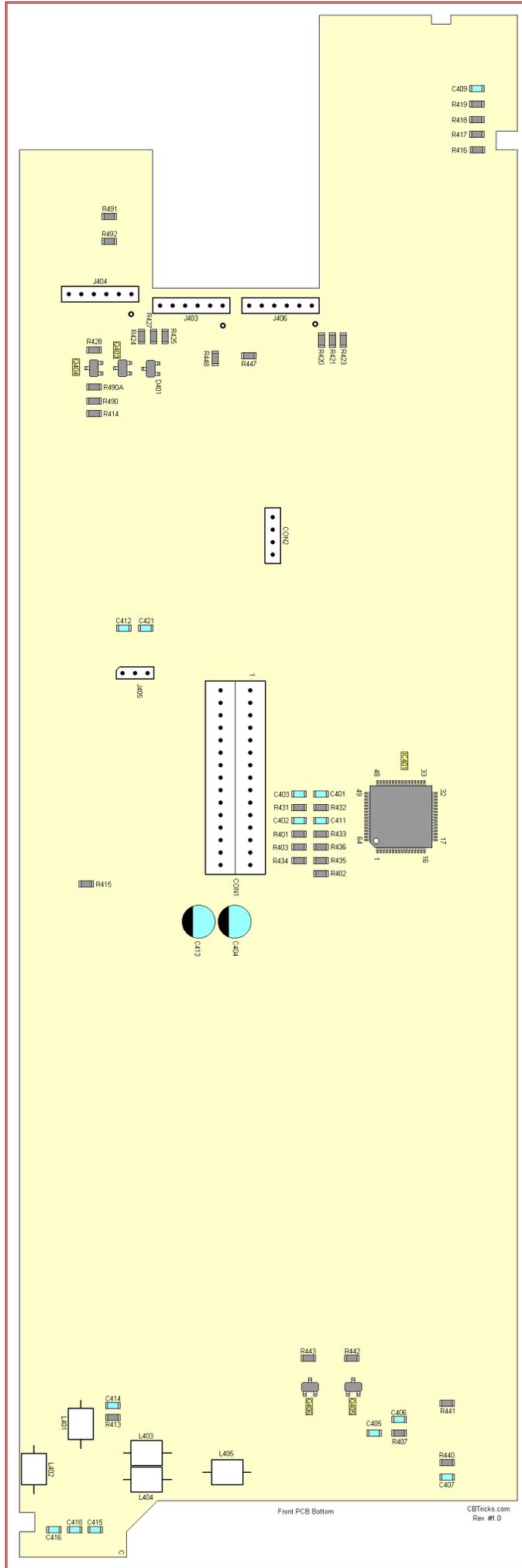






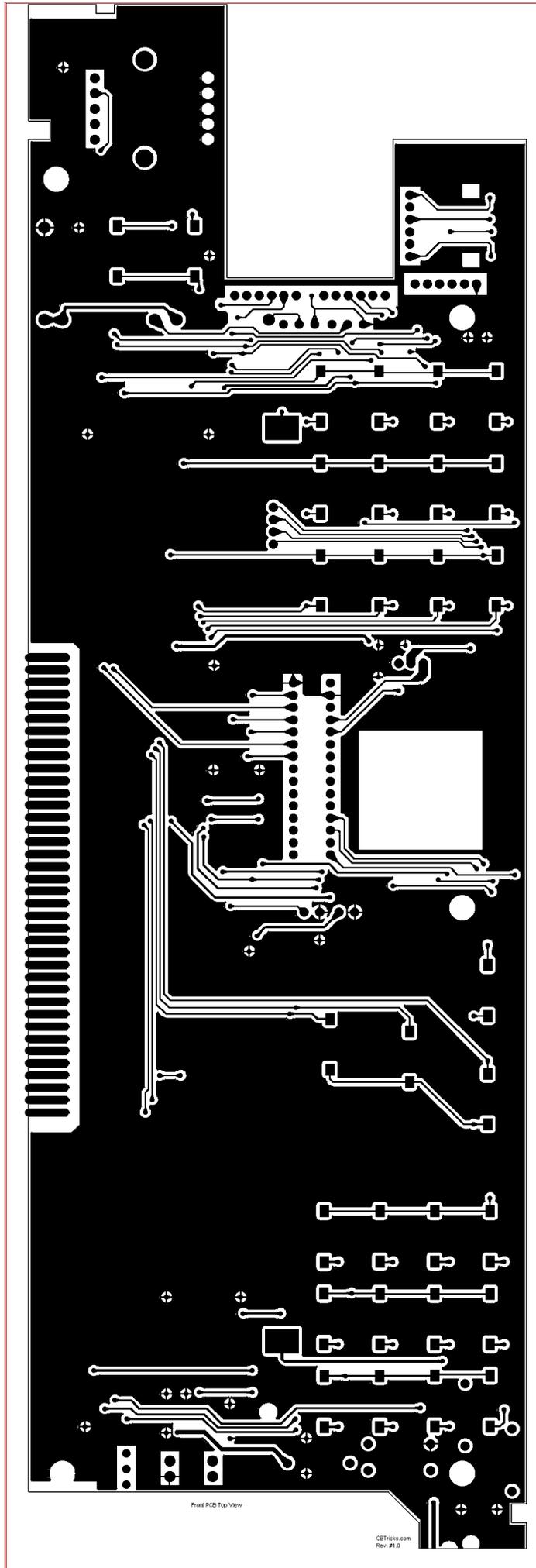
Front Panel PCB Top

CBTricks.com
Rev # 1.0



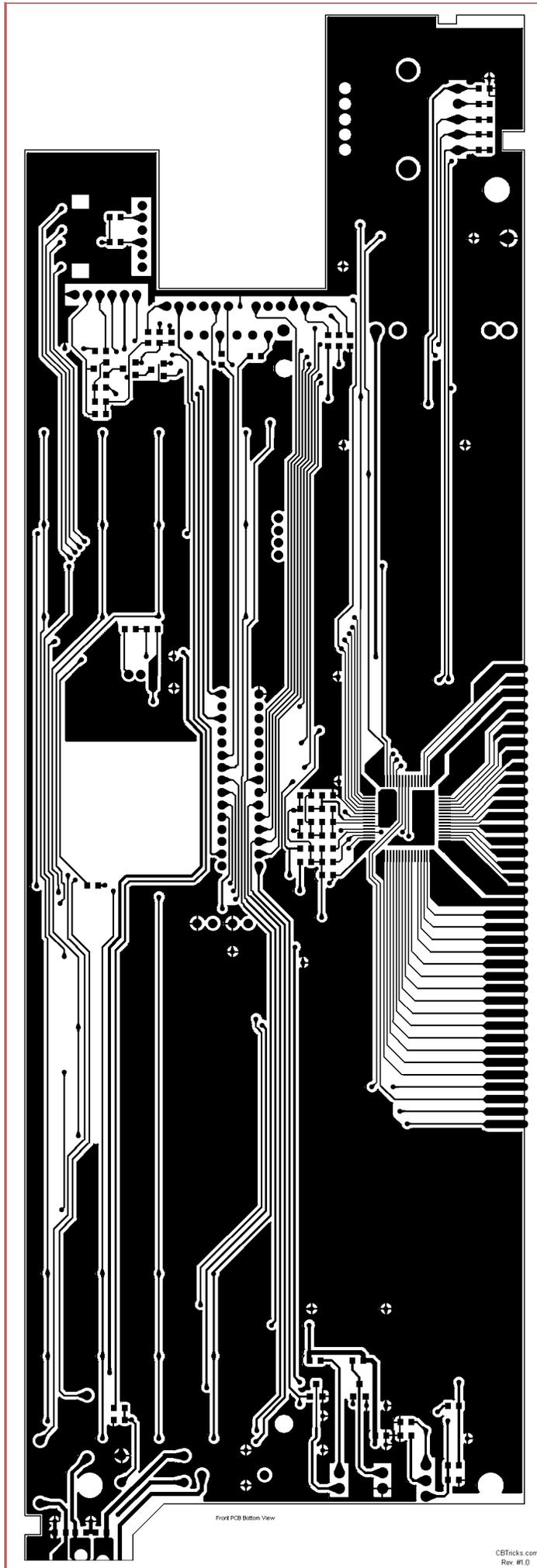
Front PCB Bottom

CBTricks.com
Rev. #1.0



Front PCB Top View

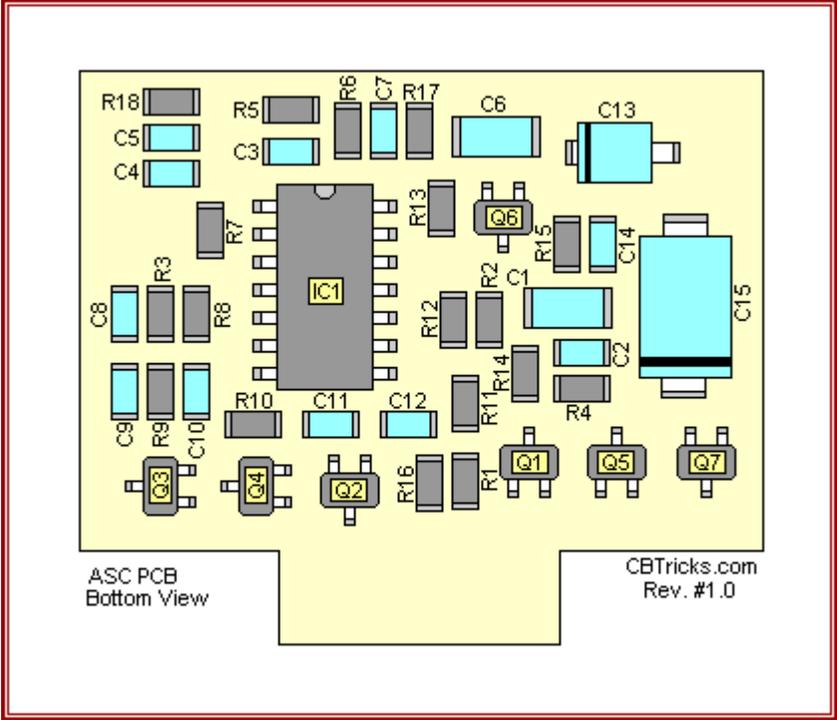
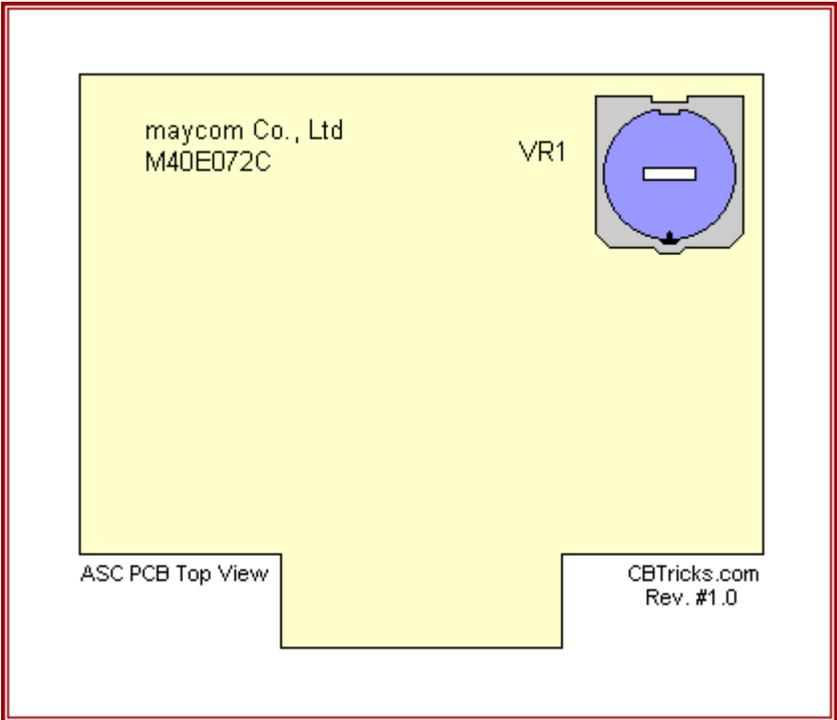
CBTricks.com
Rev. #1.0

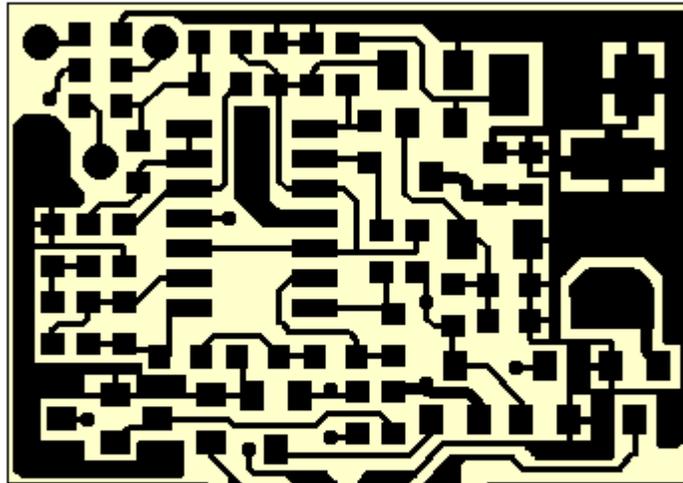


Front PCB Bottom View

CBTricks.com
Rev. #1.0

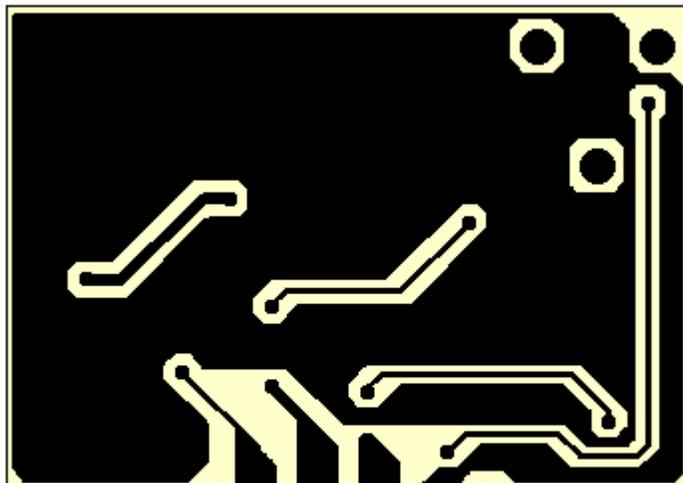
for free by
RadioAmateur.eu





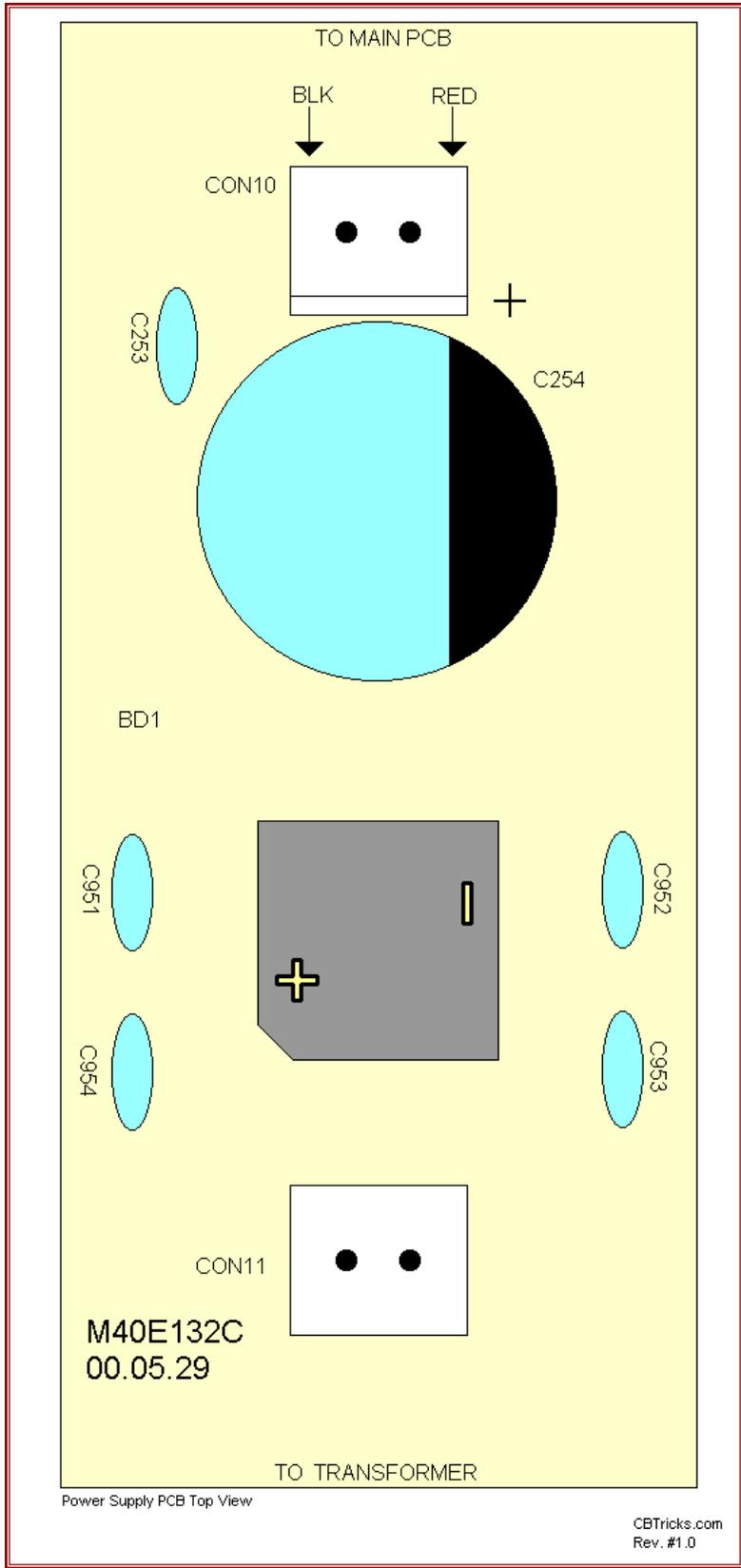
ASC PCB
Bottom View

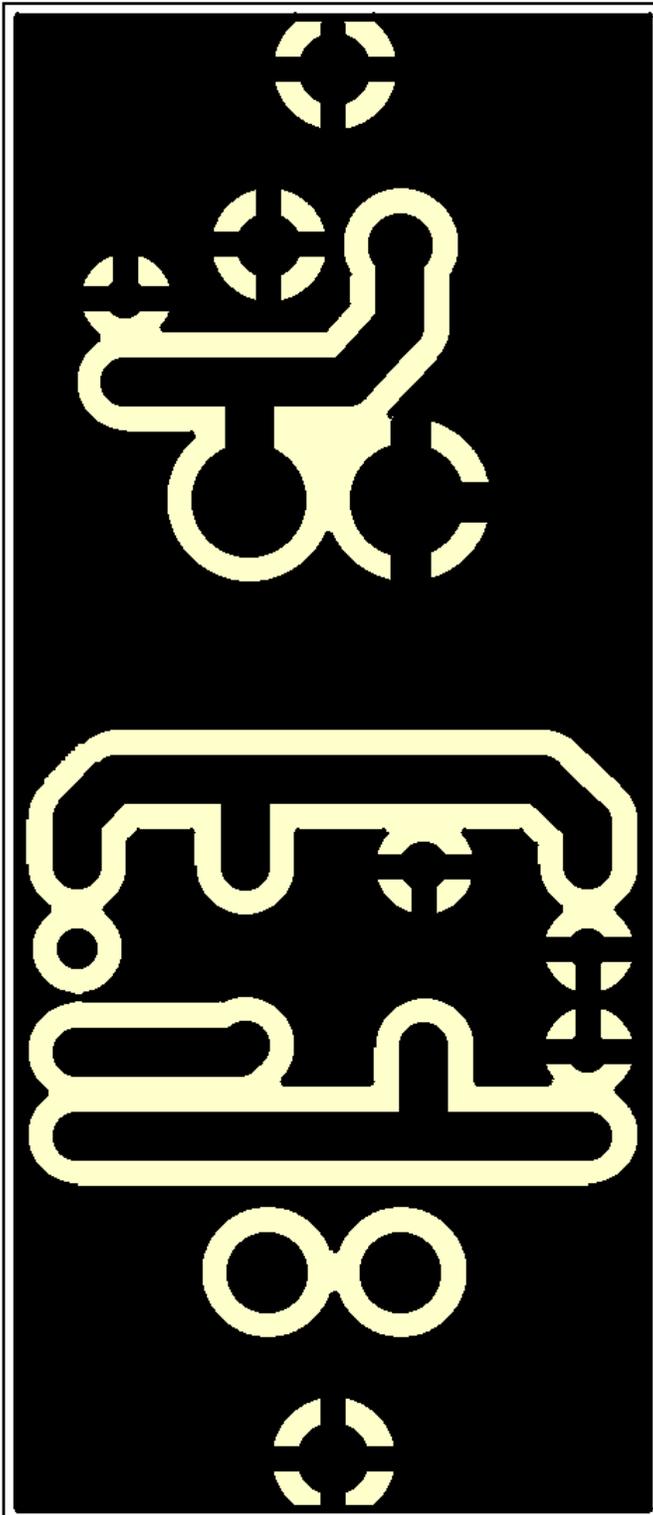
CBTricks.com
Rev. #1.0



ASC PCB Top View

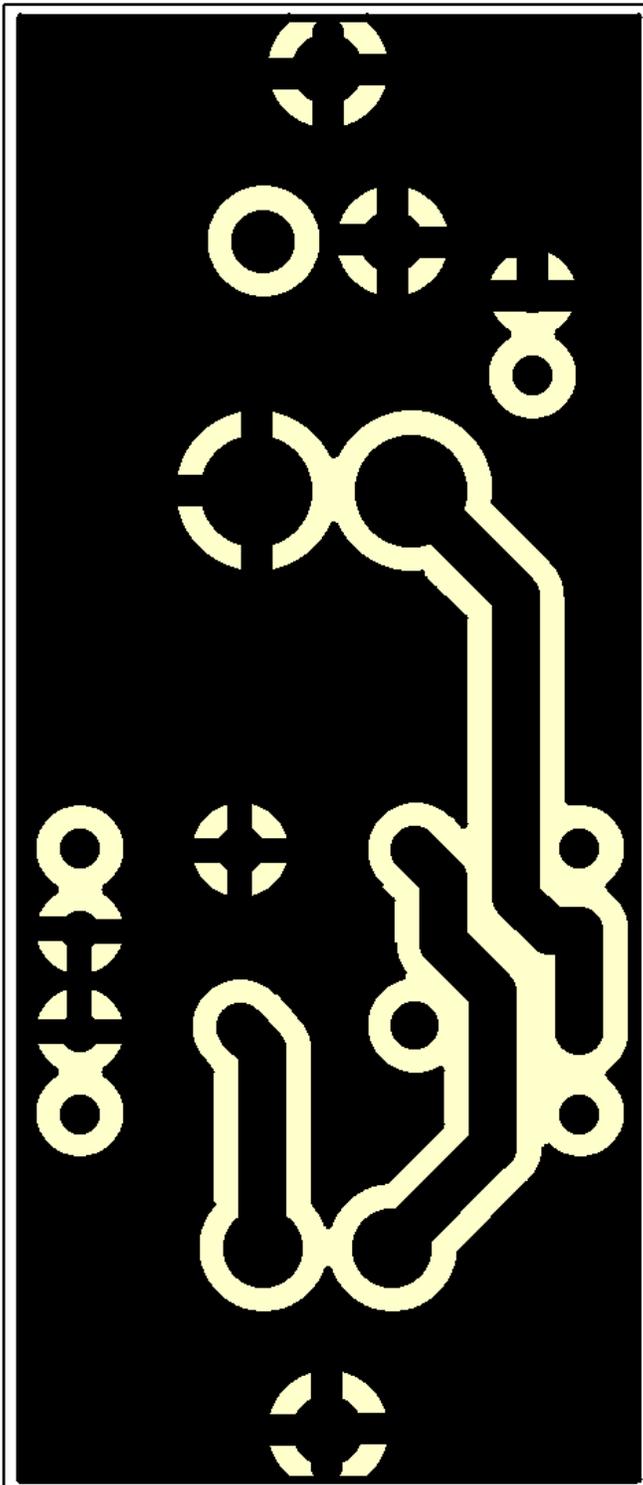
CBTricks.com
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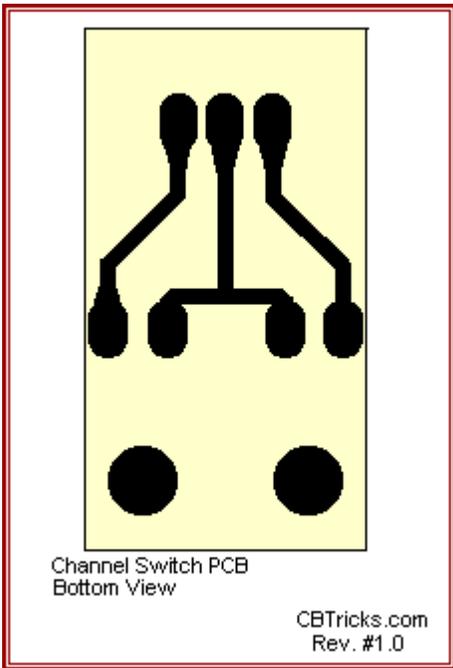
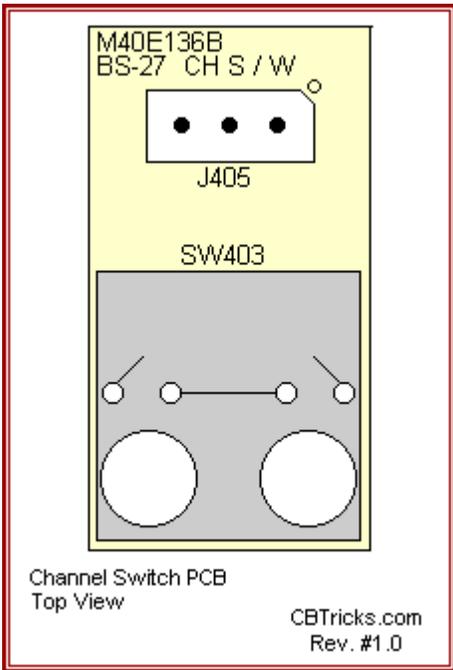
Power Supply PCB Top View

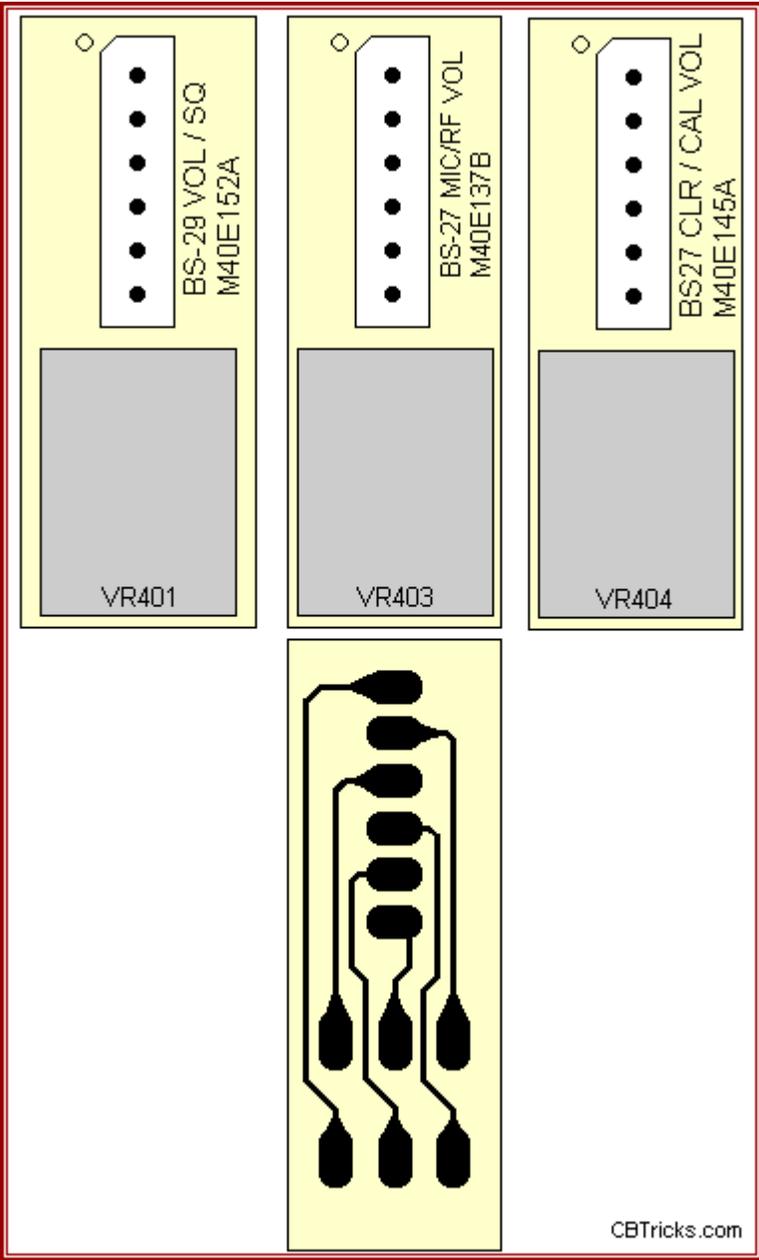
CBTricks.com
Rev. #1.0



Power Supply PCB Bottom View

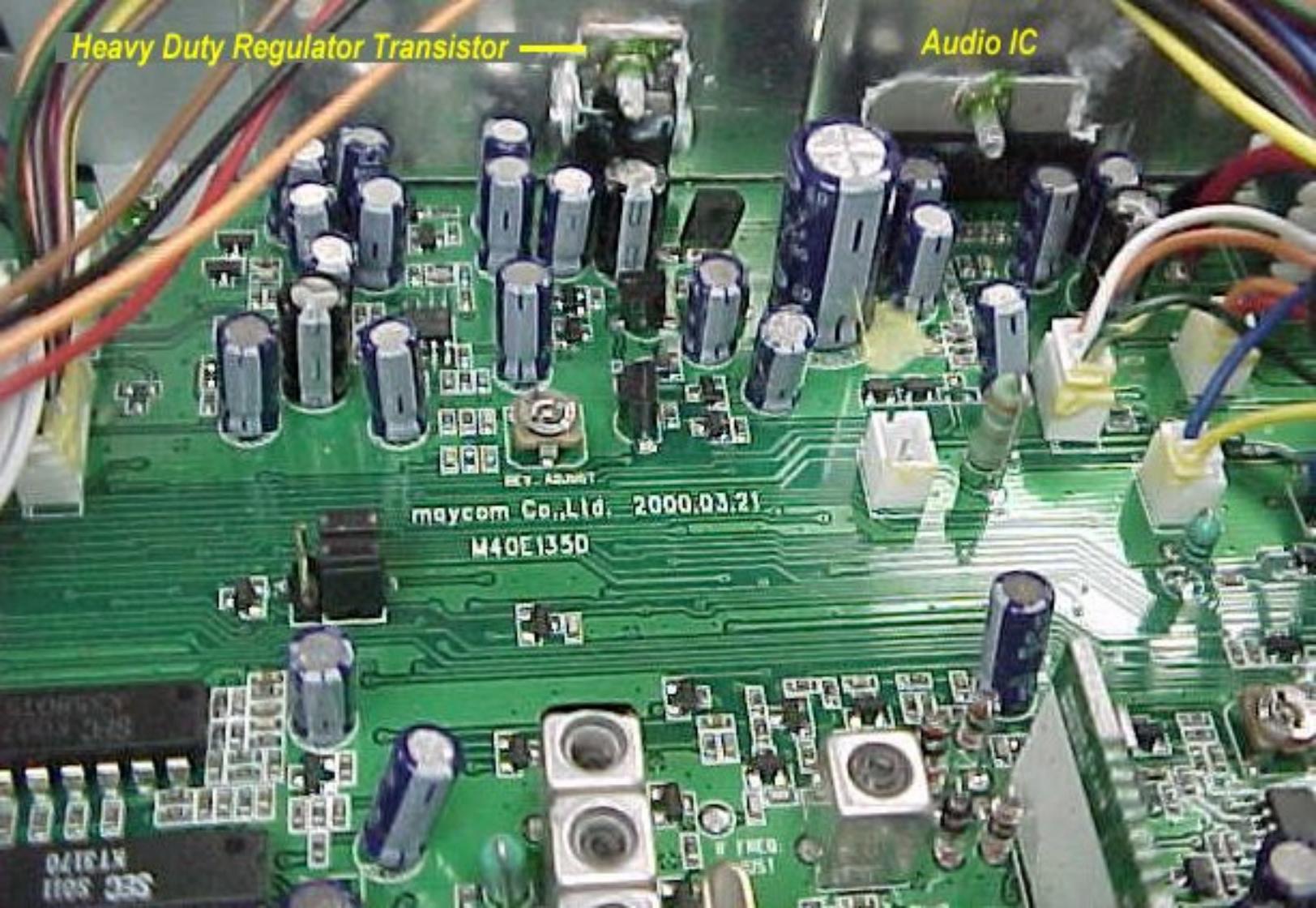
CBTricks.com
Rev. #1.0





Heavy Duty Regulator Transistor

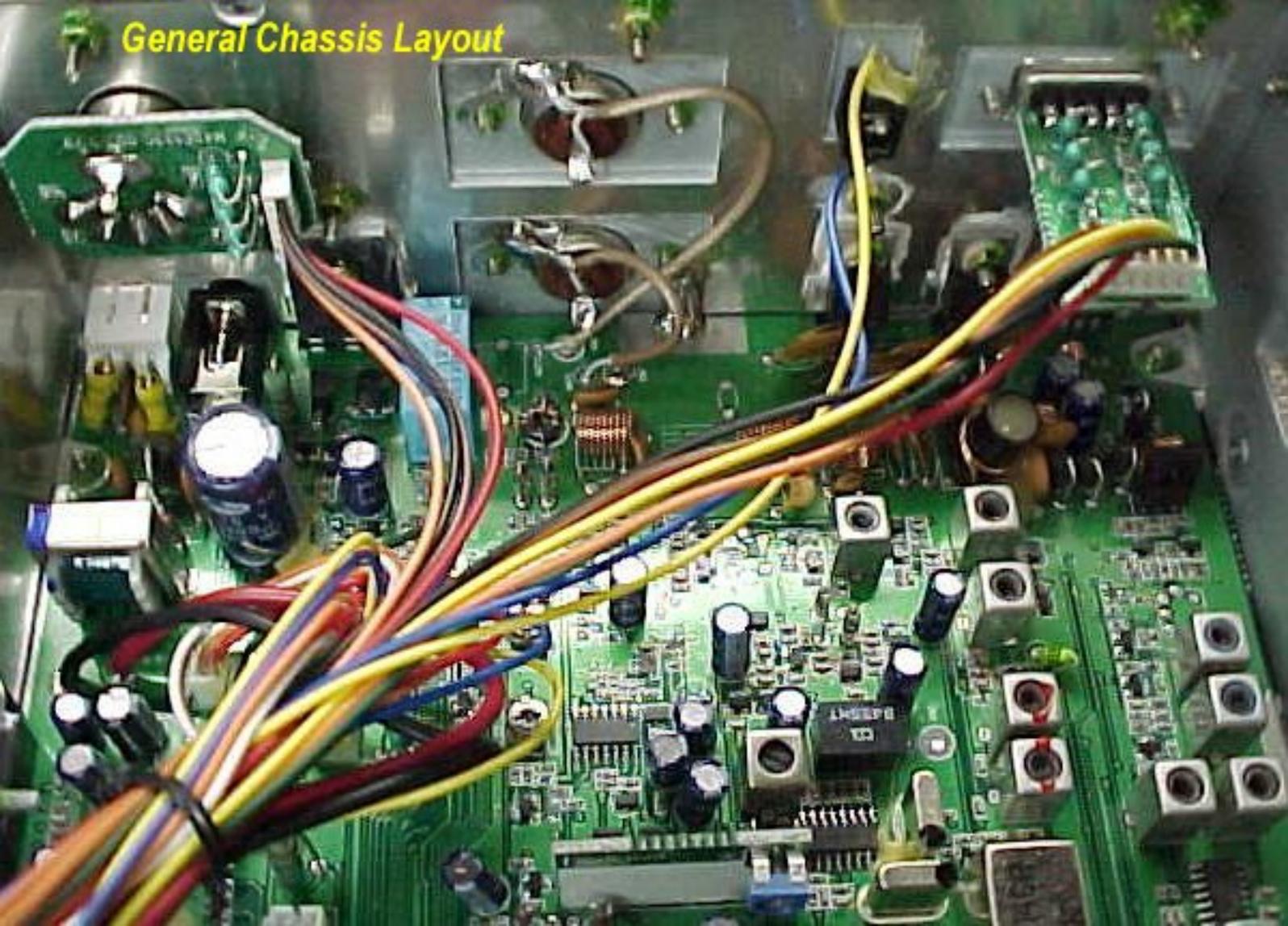
Audio IC

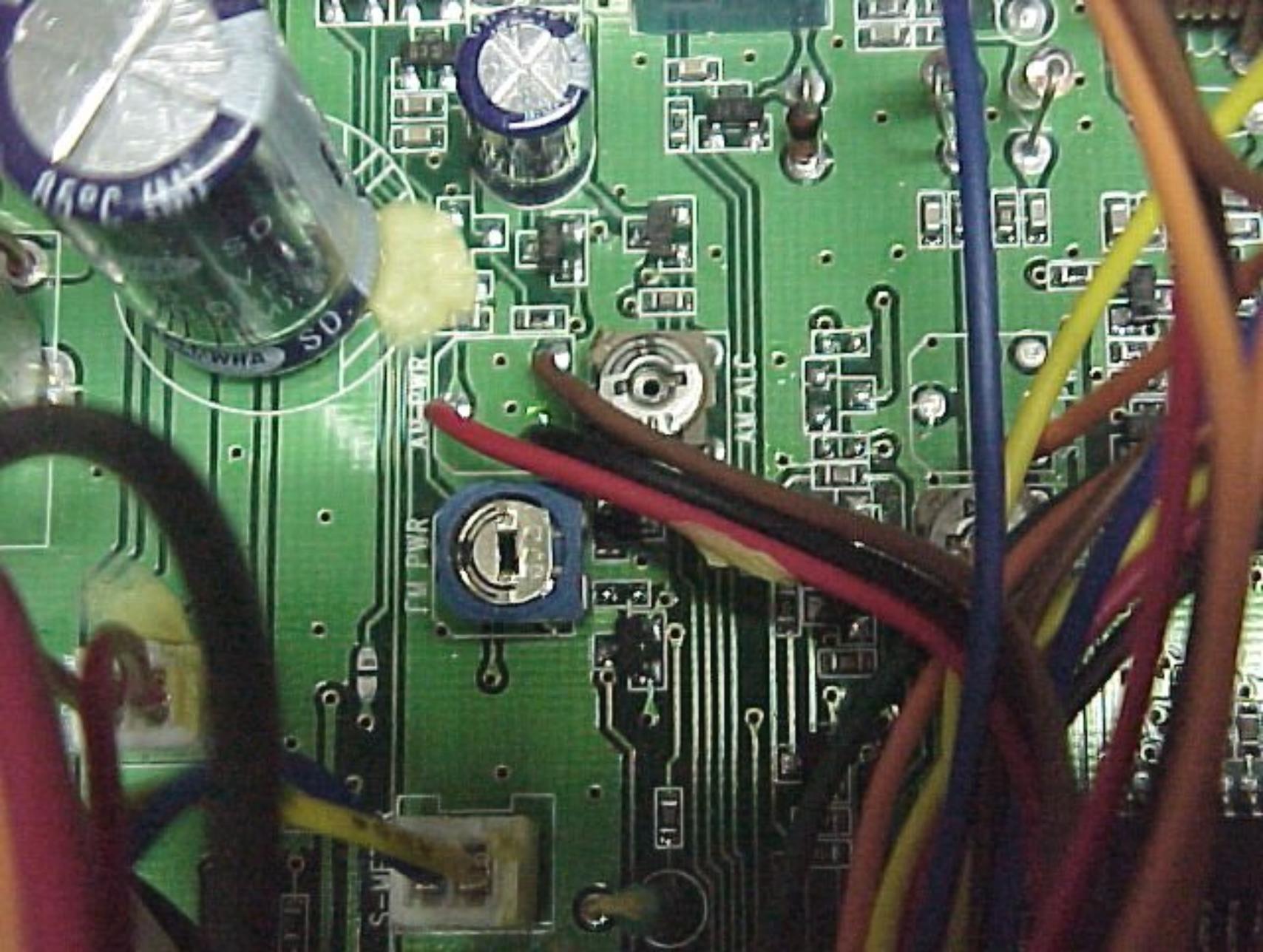


maycom Co., Ltd. 2000.03.21
M40E135D

SEC 5011
K71270

General Chassis Layout





10000µF 50V

SD

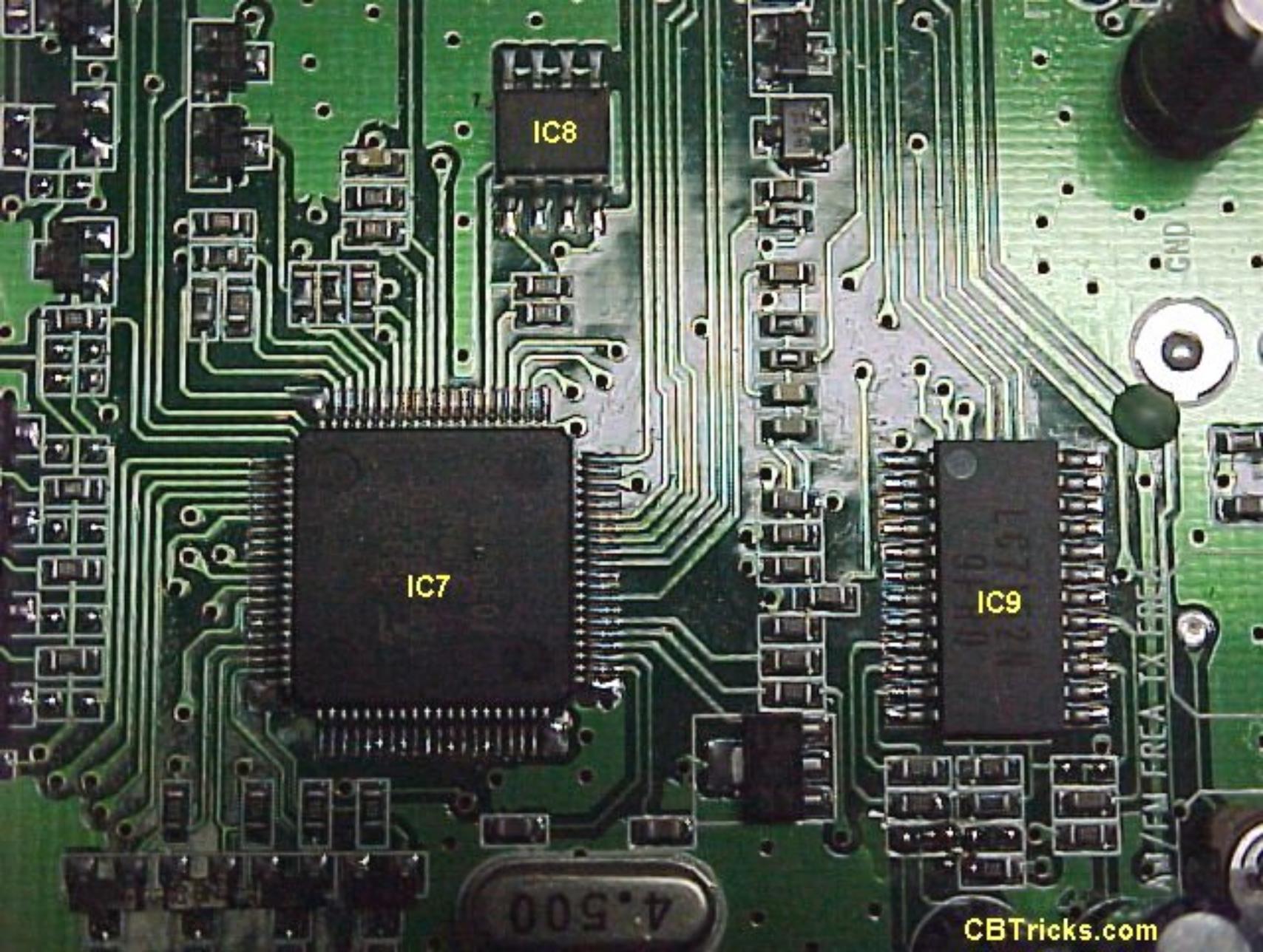
AV-PWR

FM PWR

AV-A/C

S-VF

F11



IC7

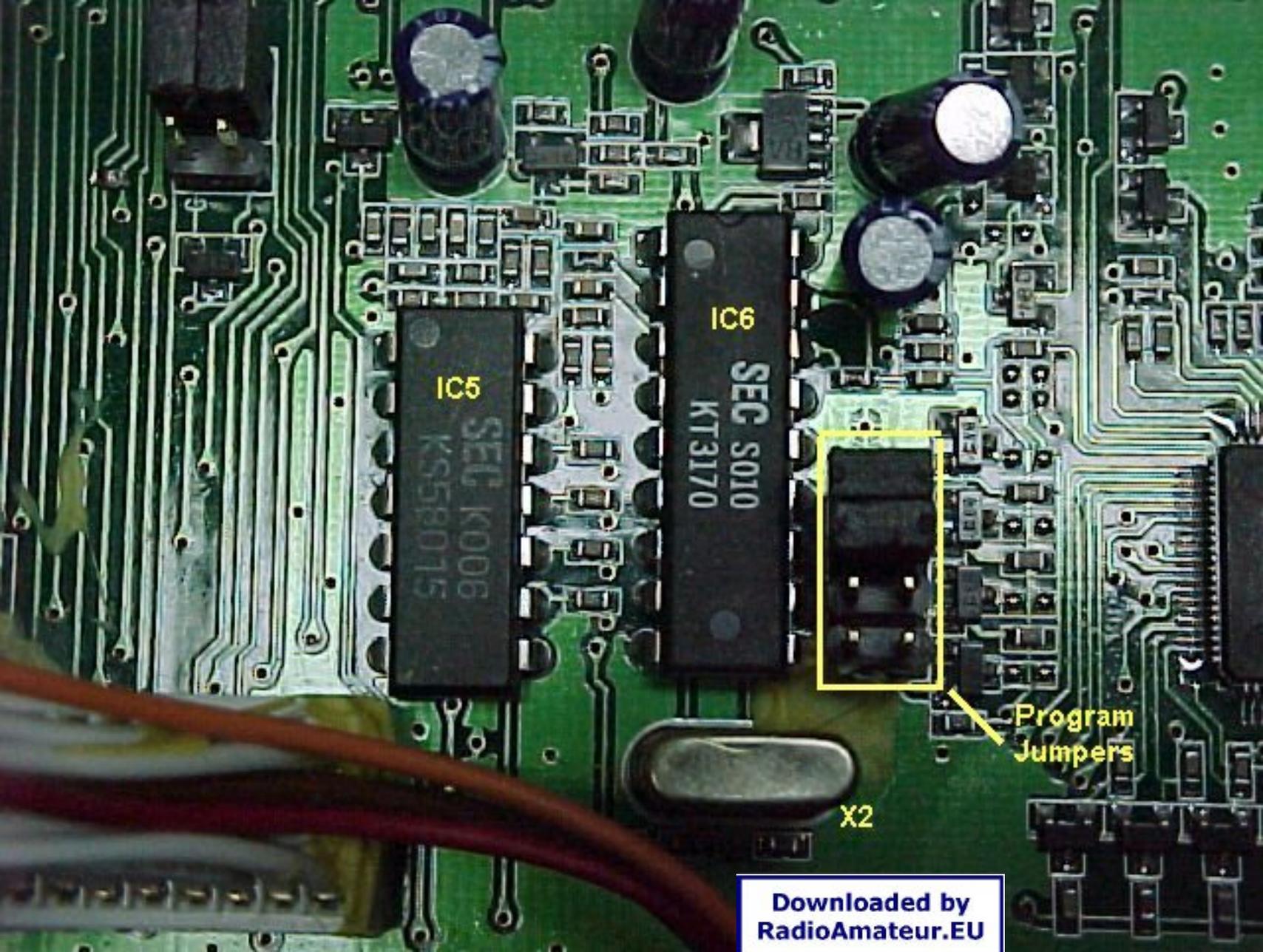
IC8

IC9

4.500

GND

AM/FM-FREQ-TX-ENC



IC5

SEC K006
K958015

IC6

SEC S010
KT3170



Program
Jumpers

X2