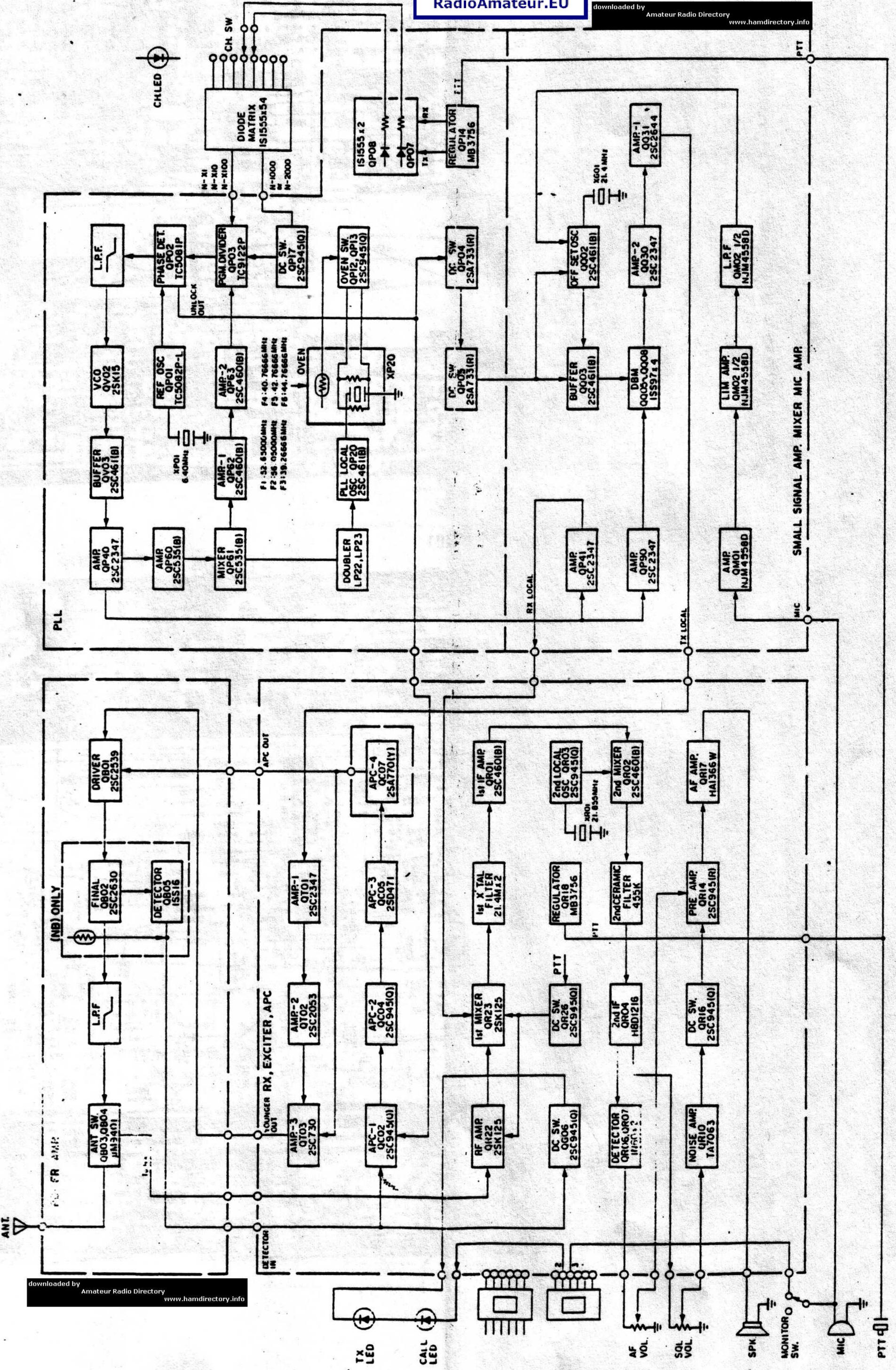


# 7. BLOCK DIAGRAM

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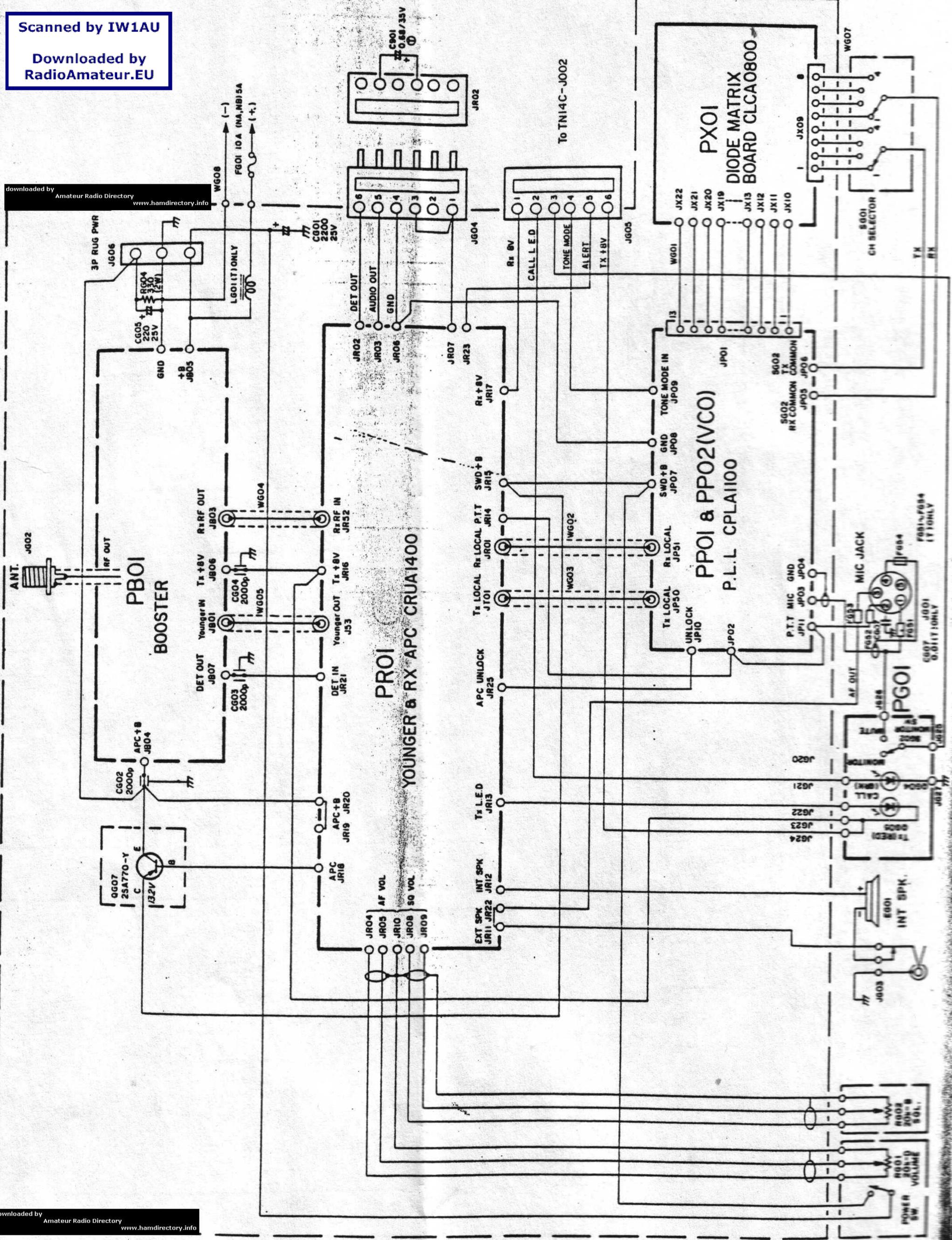
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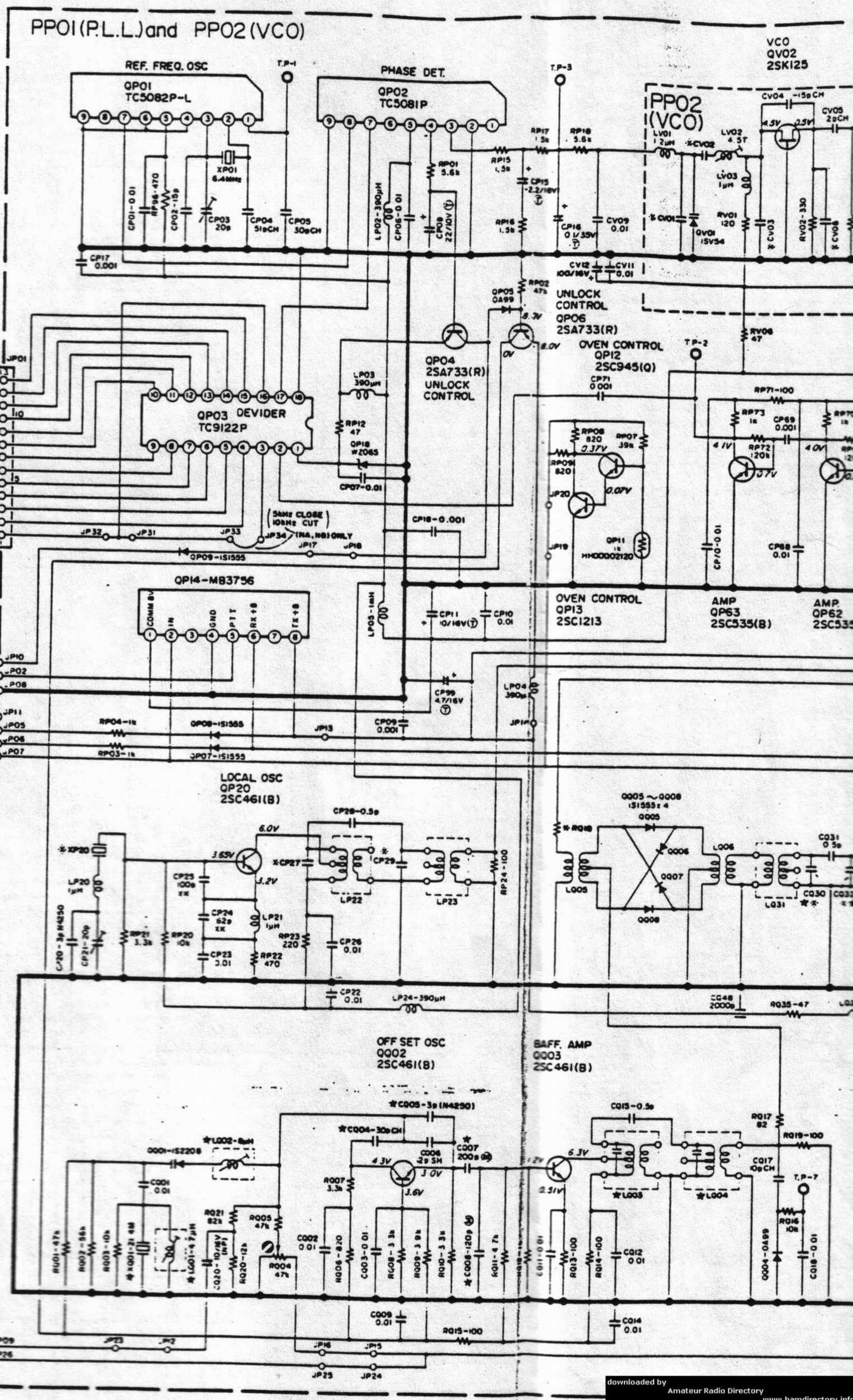
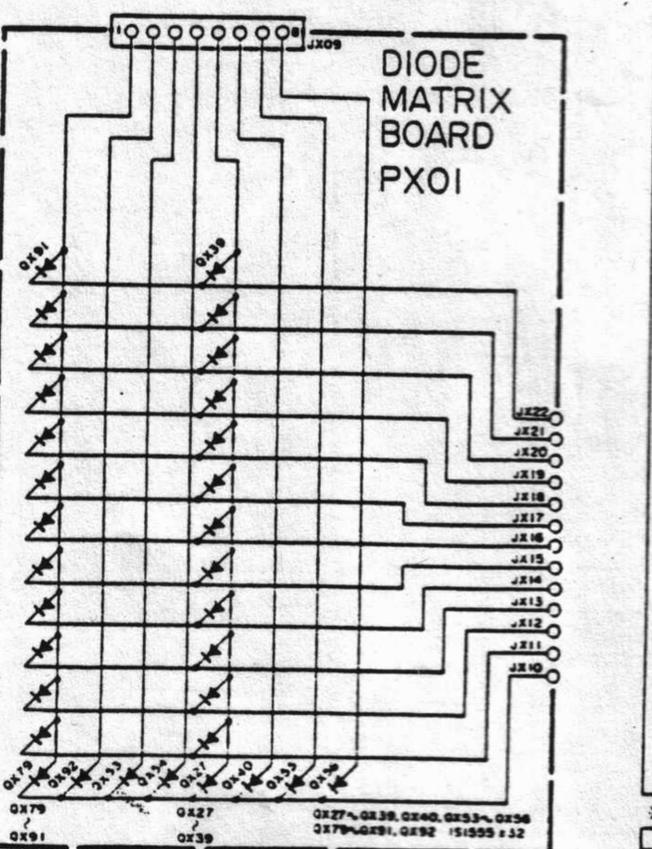
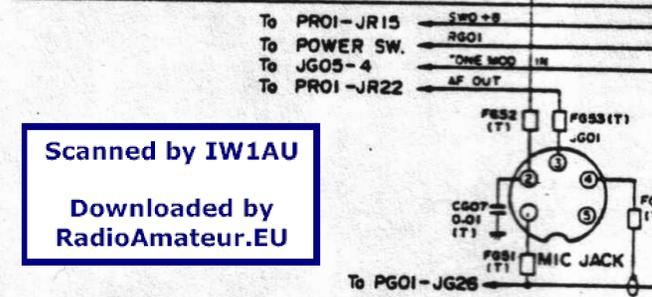
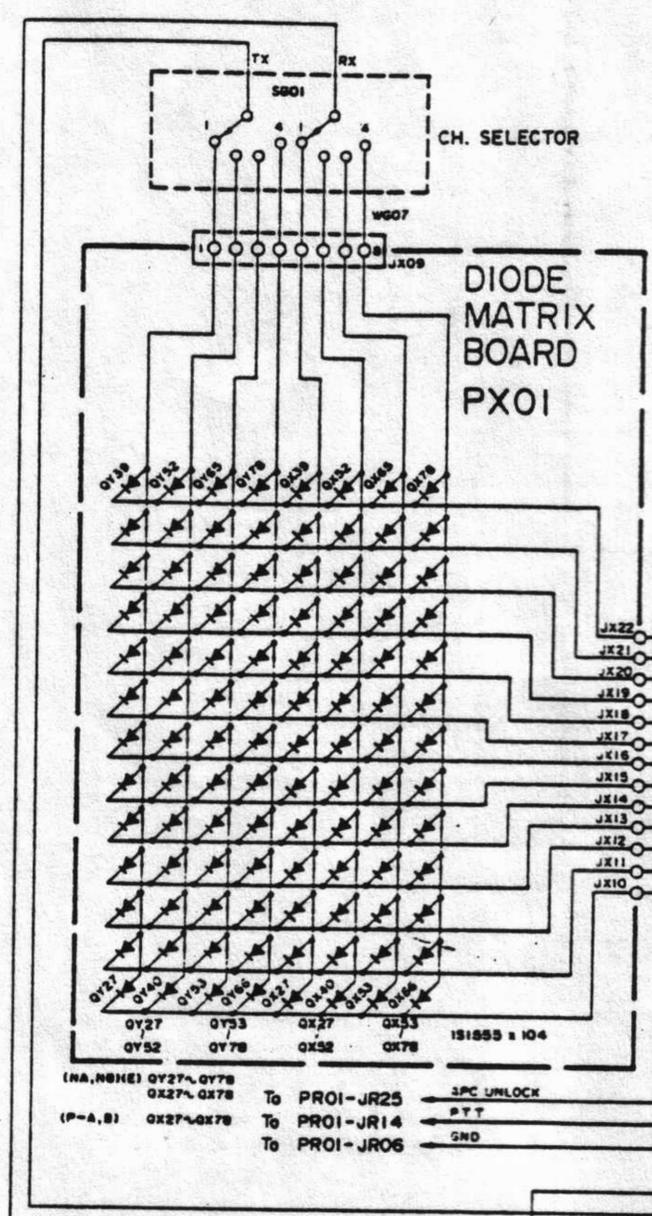
# 6. INTERVAL CONNECTION DIAGRAM

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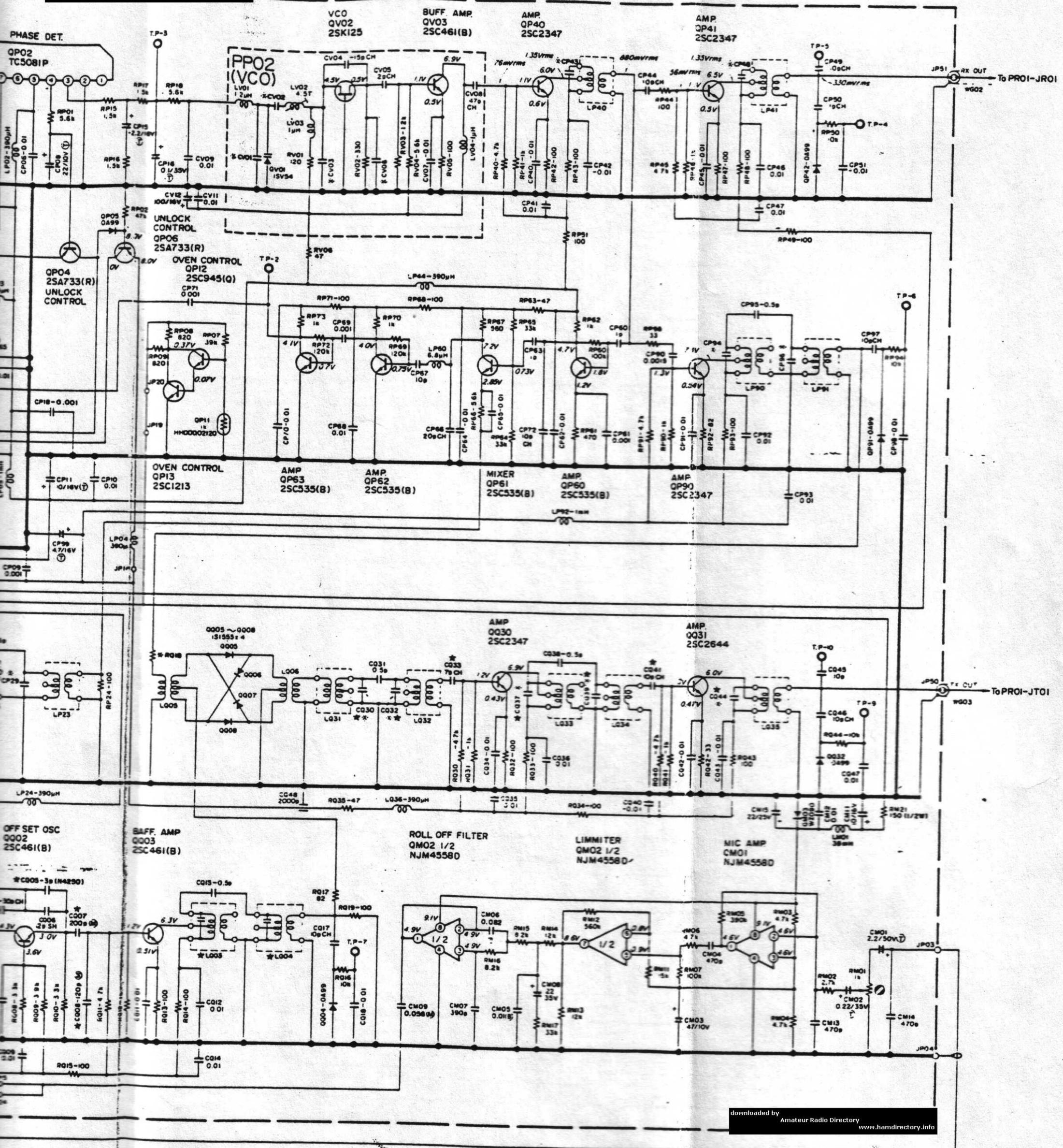
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\* F-CHART C866L(T) F5, F6 ONLY

	CP27	CP29	CP43	CP46	CP48	CP56	CP30	CP32	CP37	CP38	CP44	CV01	CV02	CV03	CV04	RV08	XP20
F 1	15p	15p	12p	13p	12p	12p	8p	6p	7p	7p	8p	8p	33p	8p	15p	0	52.89000
F 2	13p	15p	11p	12p	10p	10p	6p	6p	6p	6p	6p	6p	30p	8p	15p	0	56.05000
F 3	12p	13p	10p	12p	10p	10p	6p	6p	6p	6p	7p	10p	27p	7p	8p	0	39.26666
F 4	12p	12p	10p	10p	10p	10p	6p	6p	6p	6p	7p	10p	27p	7p	8p	0	40.76666
F 5	10p	10p	8p	10p	8p	8p	5p	5p	5p	5p	7p	10p	27p	7p	8p	0	42.76666
F 6	10p	10p	7p	10p	7p	7p	5p	5p	5p	5p	6p	10p	27p	7p	8p	0	44.76666
LH	LH	LH	LH	LH	LH	LH	RH	RH	RH	RH	RH	UJ	UJ	UJ	CH	CH	IL



Q	CV01	CV02	CV03	CV04	RQ18	XP20
1	8p	33p	8p	15p	0	52.68000
2	3p	30p	8p	15p	0	56.05000
3	10p	27p	7p	8p	0	39.26666
4	10p	27p	7p	8p	0	40.76666
5	8p	22p	4p	7p	0	42.76666
6	8p	18p	4p	7p	56	44.76666
7	UJ	UJ	CM	CM	Ω	:5ppm





## 10.2 C866L NA, C866L NB (ITALY)

### GENERAL SPECIFICATIONS

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1. Frequency range	162 ~ 169 MHz
2. Type of emission	FM
3. Communication system	Press-to-talk system
4. Power source	DC: 13.6V, $\pm 20\%$
5. Grounding	Negative ground
6. Power consumption	Transmission A: 10W model: 3A B: 25W model: 8A Stand by 35 mA
7. Operating temperature	$-30$ to $+60^{\circ}\text{C}$
8. Dimensions	67 (H) x 180 (W) x 265 (D) mm
9. Weight	3.7 kg

### TRANSMITTER

1. Power output	10W/25W
2. Antenna impedance	50 ohms
3. Oscillation	PLL with X'tal control
4. Frequency stability	0.0005%
5. Modulation	Direct FM modulation
6. Max. frequency deviation	$\pm 2.5$ kHz or $\pm 5$ kHz
7. Modulation frequency characteristic	$+1/-3$ dB of 6 dB/oct pre-emphasis characteristic from 300 Hz to 3000 Hz
8. Audio distortion	3% max.
9. Hum and noise level attenuation	at $\pm 2.5$ kHz Dev.: 40 dB at $\pm 5$ kHz Dev.: 45 dB

### RECEIVER

1. Intermediate	1st 21.4 MHz, 2nd 455 kHz
2. Frequency stability	Within 0.0005%
3. Sensitivity	0.35 $\mu\text{V}$ (12 dB SINAD)
4. 2 signal selectivity	60 dB
5. Acceptance bandwidth	at $\pm 2.5$ kHz Dev.: $\pm 5$ kHz min. at $\pm 5$ kHz Dev.: $\pm 6.5$ kHz min.
6. Spurious and image rejection	85 dB
7. Intermodulation (2 signal method)	70 dB
8. Squelch sensitivity (threshold)	0.35 $\mu\text{V}$ max.
9. Frequency response	Within $+1/-3$ dB of 6 dB/oct de-emphasis characteristic from 300 Hz to 3000 Hz
10. Audio power output	4.0W at 10% max. distortion
11. Speaker impedance	4 ohms or 8 ohms

### TONE SQUELCH

#### TRANSMITTER

1. Tone modulation	max. 1 kHz at 67 Hz
2. Encoder response time	250 ms max.
3. Tone distortion	5%

#### RECEIVER

1. Tone squelch release sensitivity	10 dB QS
2. Response time	250 ms max.