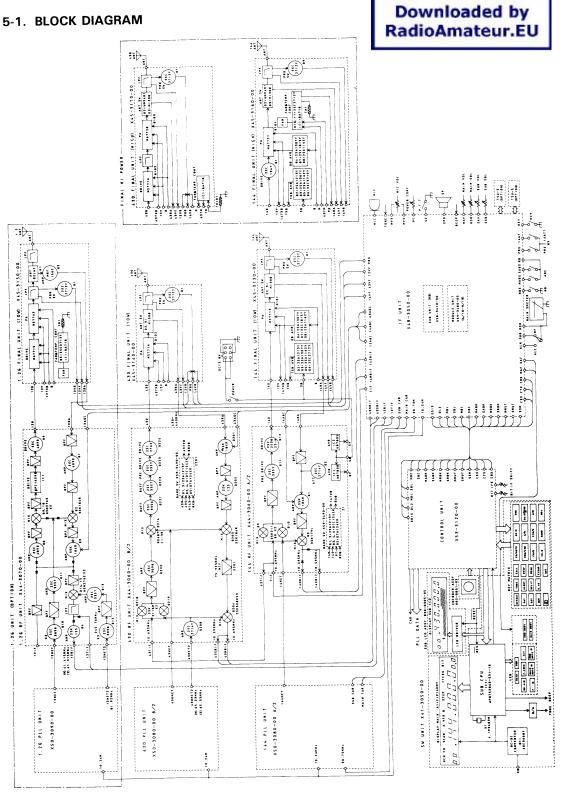
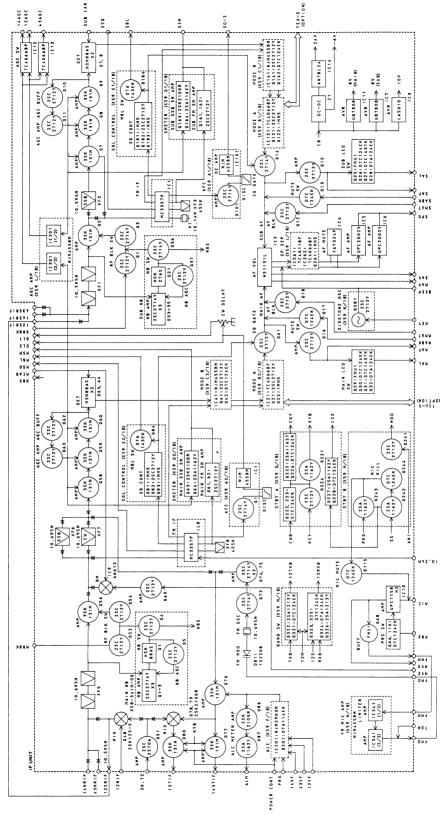
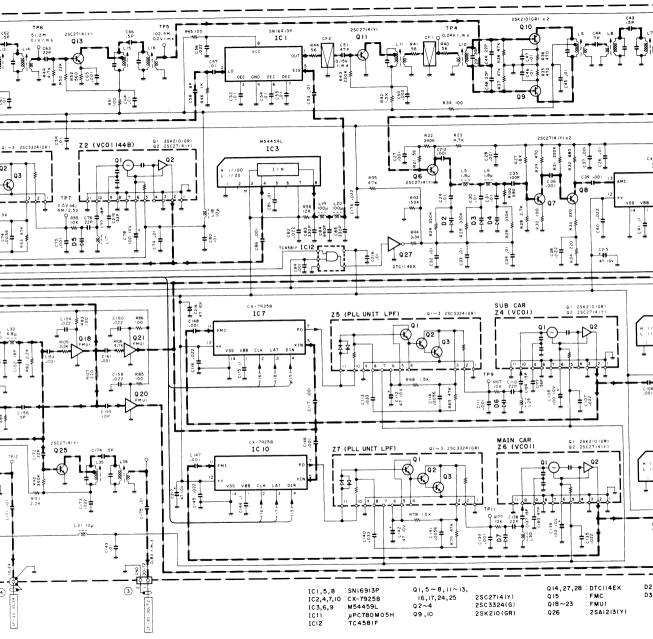
BLOCK DIAGRAM AND CIRCUIT DIAGRAM

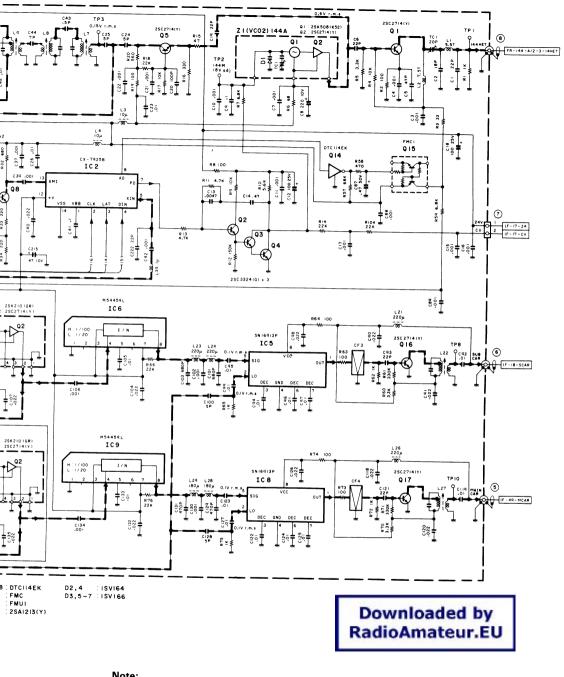
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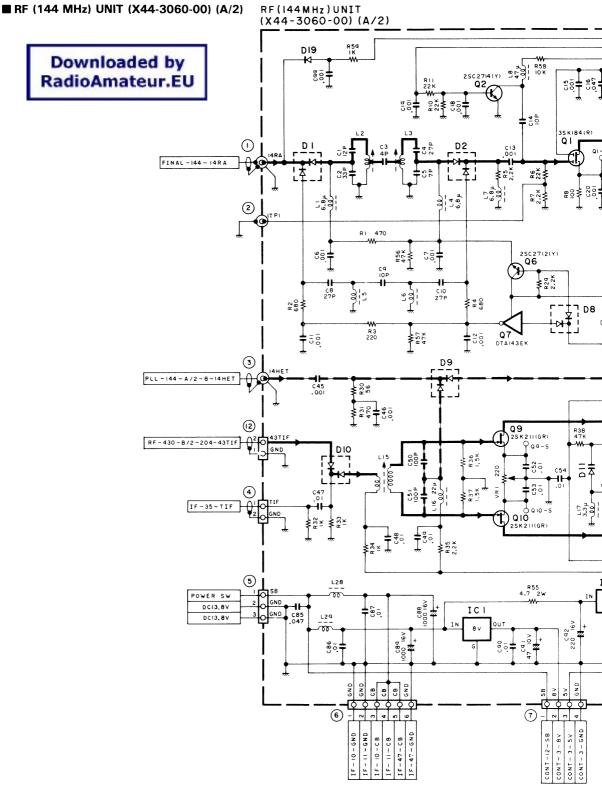


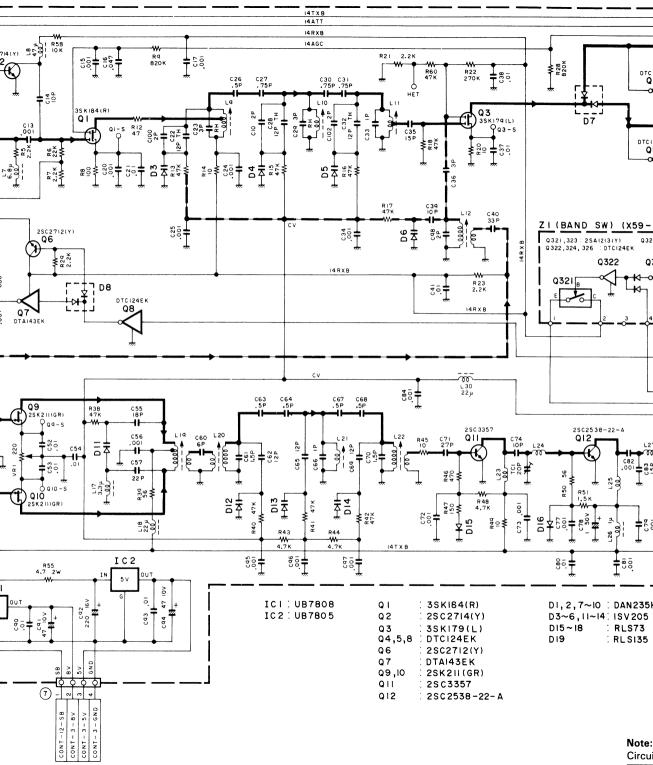


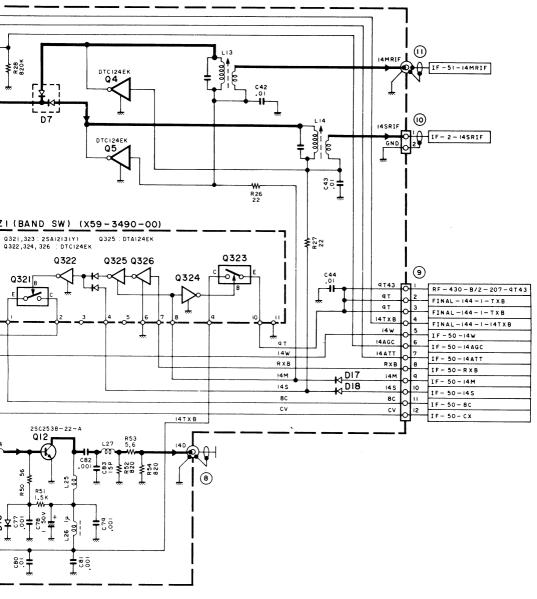
5-2. CIRCUIT DIAGRAM ■ PLL (144 MHz) UNIT (X50-3080-00) (A/2) Downloaded by RadioAmateur.EU PL L (144MHz) UNIT (X50-3080-00)(A/2) TP6 803 013 012 023 C166 C164 2SA12131Y) # 2 € 50 ≠ 026 L 12 10 µ (9) OTC II 4EM gó I Q 28 PLL = 430 = 8/2 = WL = 10.24 PLL - 430 - 8/2-w1-5v 73 (PLL UNIT LPE) 8 ٧ .022 PLI -430 - 9/2-WI-8V QI 24V IC4 PIII - 430 - 8/2 - WI - 24V . ± 43LE4 PLL - 430 - 8/2 - WI - 43LE 43LE PLL - 430 - 8/2 - WI - 43LE ICH 43LE 2 43LE 3 PLL-430-8/2-W1-43LE2 43LE34 43UL 9DT PCK PI 1 - 430 - 8/2-WI- 43LES C209 100 10v PLL - 430 - 8/2 - WL - 43UL PLL - 430 - 8/2 - WI - PDT PLL - 430 - 8/2 - WI - PCK 054 154 8g ± £8 **‡ 13** ≵ (2) GND 8 v *** 0154 \$80 PLL - 1, 2 - W1 - 8V TCX0(10.24MHz) PLL -1.2 - W1-24V 12LE2 PLL -1.2 - W1 - 12LE2 Q18 1201 PLL -1.2 - W1 - 12UL 12152 Š PLL - 1.2 - W1 - 12LE3 0149 .022 9.0 IZLE PLL -1.2 - W1 - 12LE1 PDT PII -1.2 - W1 - POT PCK PLL -1.2 - W1 - PCK1 PLL -1.2 - W1 -120P C201 470P C202 470P C203 470P C204 470P R84 100 Q 19 0 12LE 3 CONT - 1 - 12LE3 12LE 2 CONT - 1 - 12LE2 Q 25 CONT - 1 - 121 FT 43UL 43LE3 43LE2 CONT - 1 - 43UL R42 CONT -1- 43LE1 CONT -PDT L31 10p -1151 PCK 43LE4 120P CONT - 1 - 120P CONT - I - 8V C188 470P C186 470P C186 470P C188 470P C188 470P C188 470P C188 470P C188 470P C188 470P 21 4







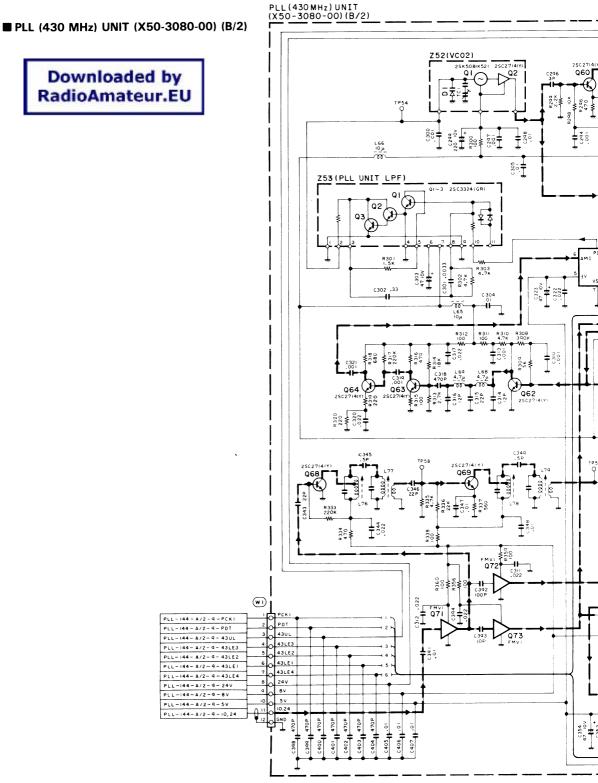


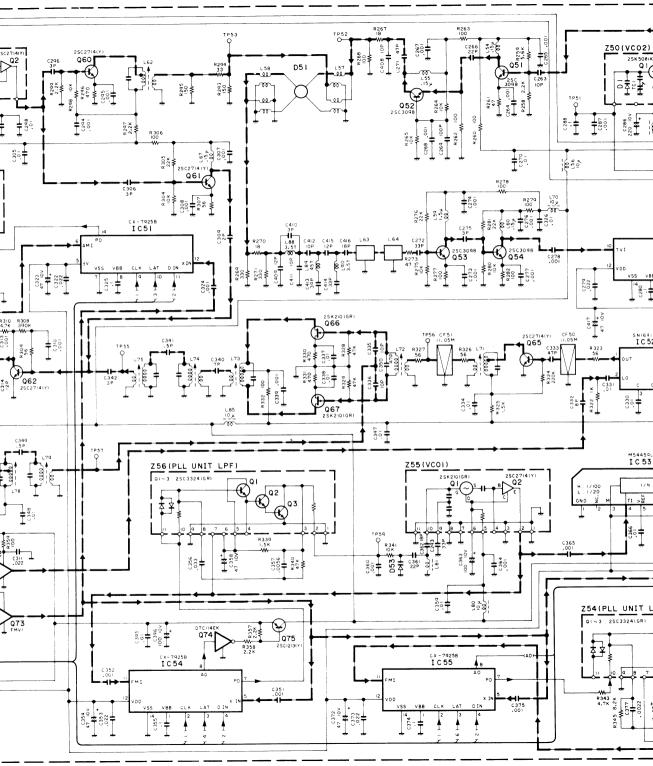


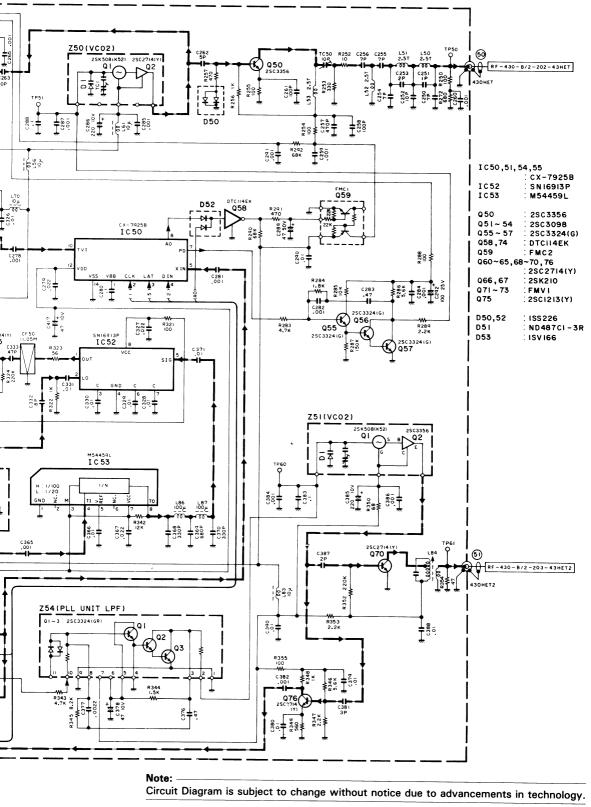
D1,2,7~10 : DAN235K D3~6,11~14: ISV205 D15~18 : RLS73 D19 : RLS135

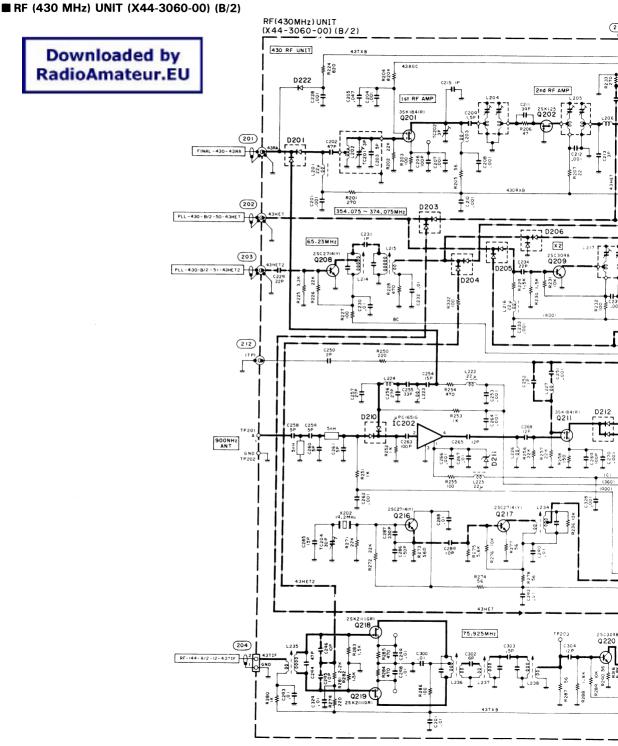
> Downloaded by RadioAmateur.EU

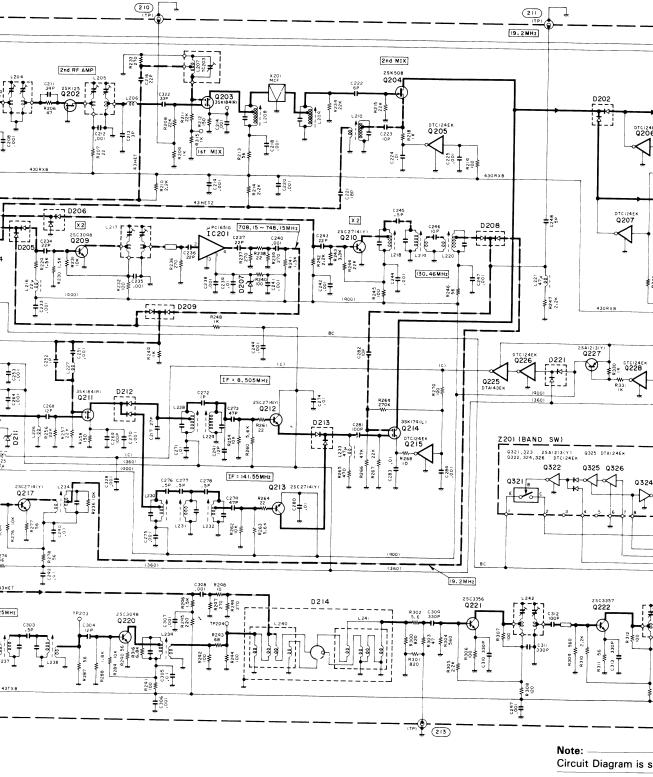
Note:

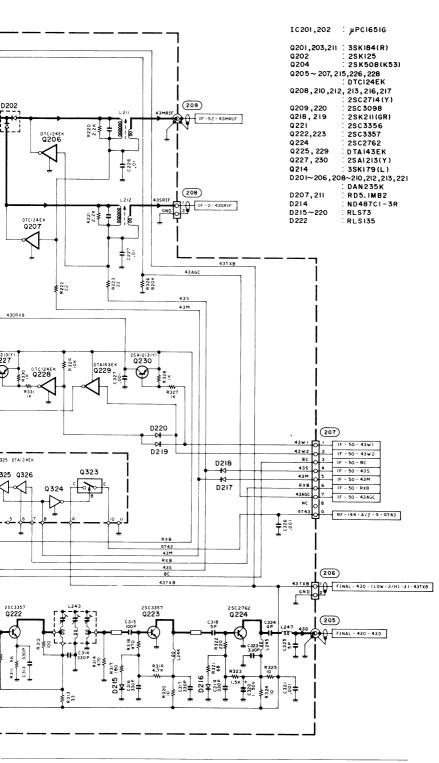




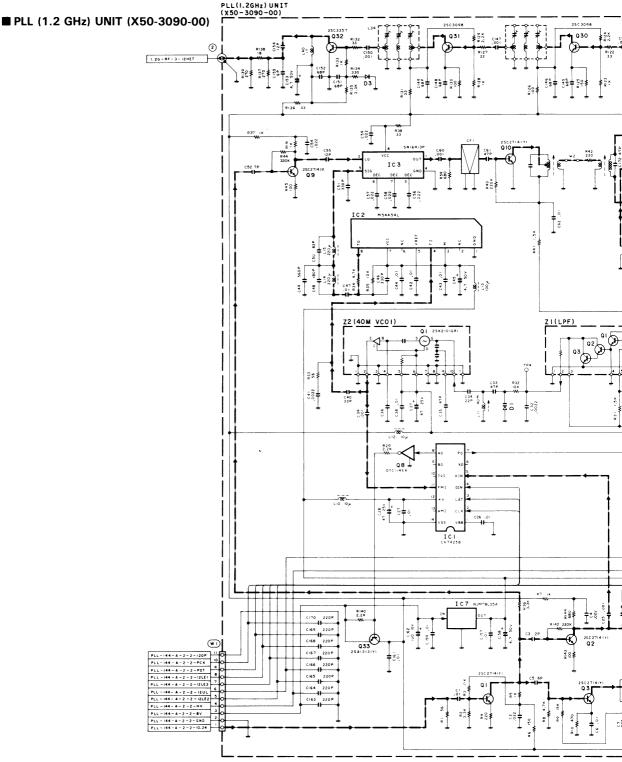


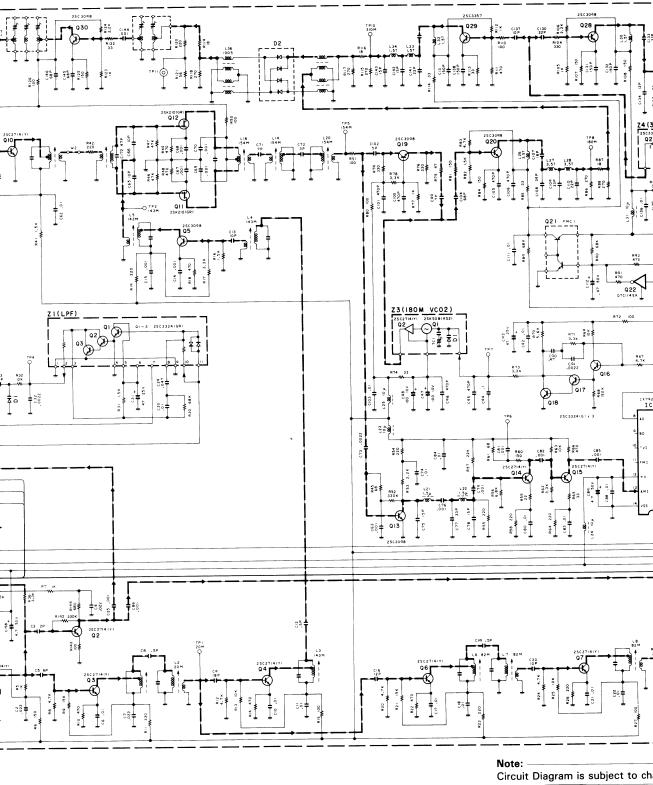


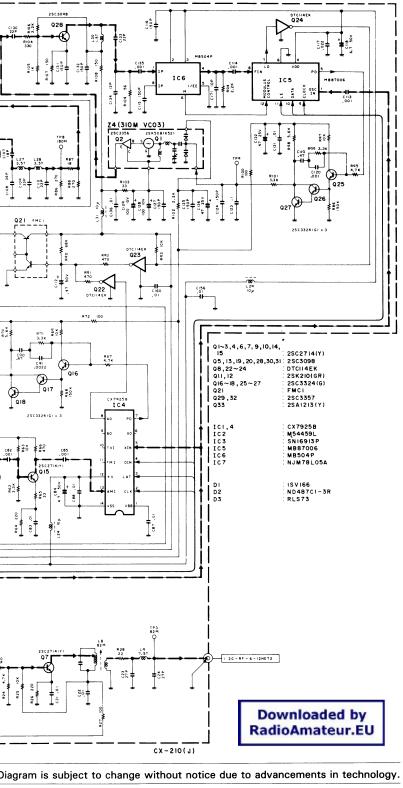


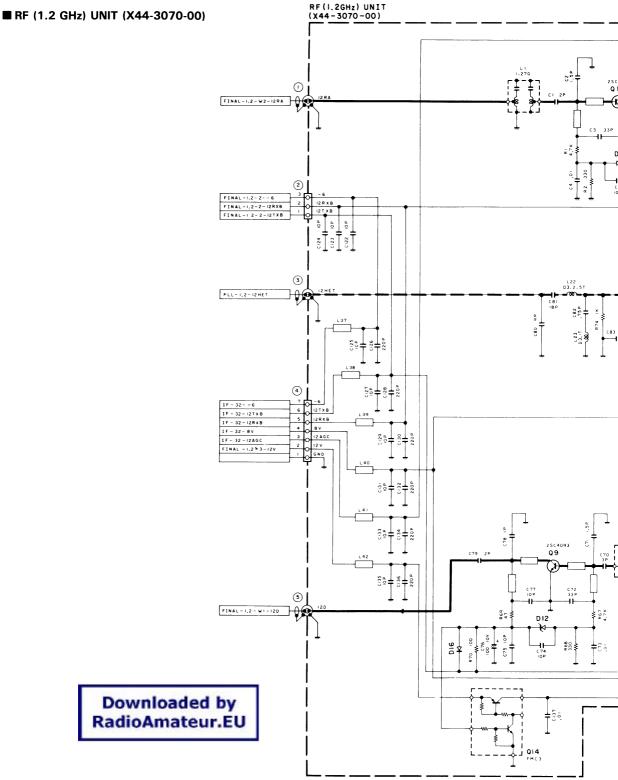


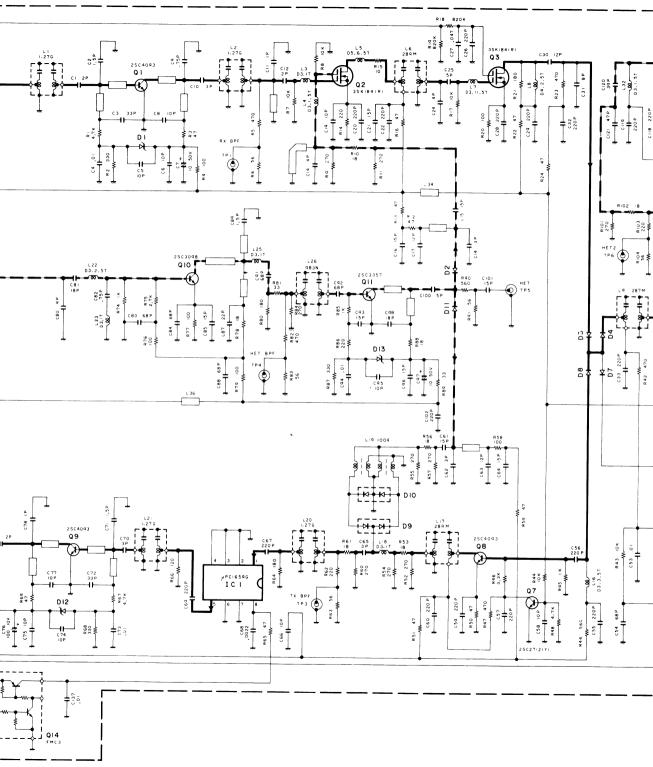
t Diagram is subject to change without notice due to advancements in technology.

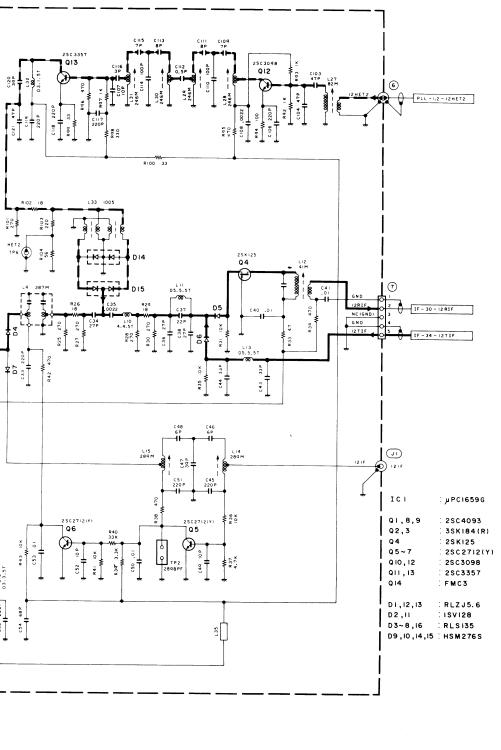


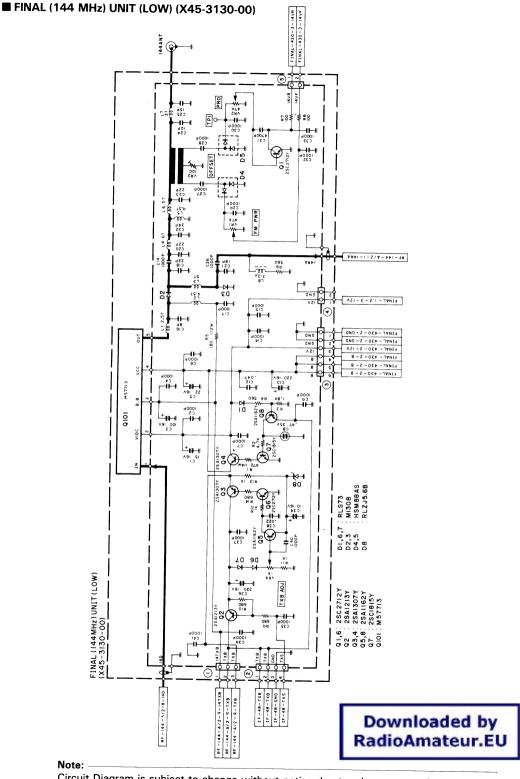




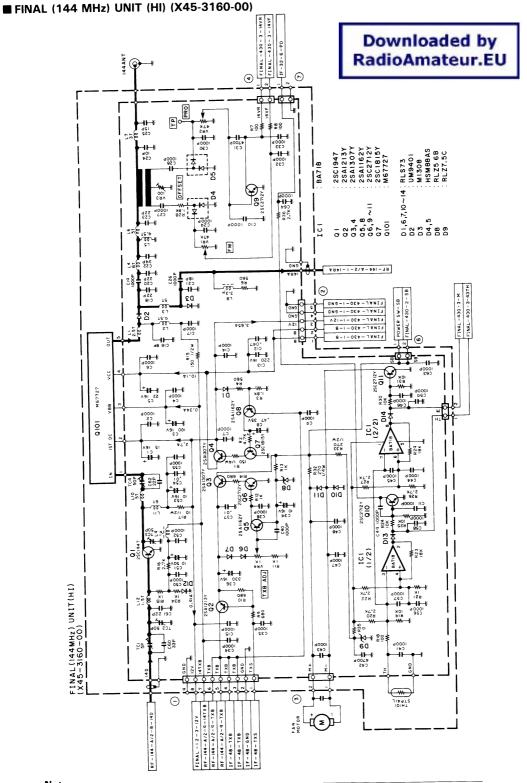








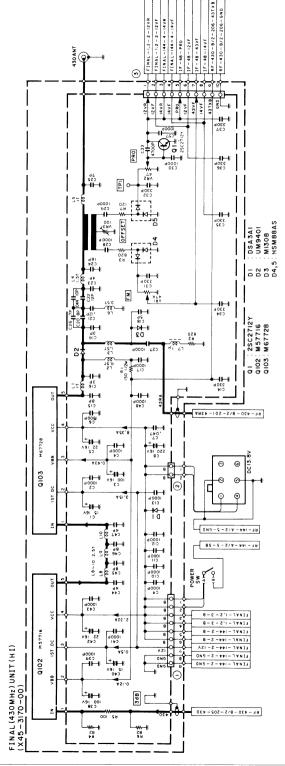
■ FINAL (430 MHz) UNIT (LOW) (X45-3140-00) FINAL - 1.2 - 2 - 12 VR FINAL - 1,2-2-12VF FINAL-144-5-14VR FINAL-144-5-14VF IF-48-12VF IF- 48-43VF IF - 48 - 14 VF IF - 48 - PRO \odot (P) 14 V R 43VF 2VR 12VF 14 V F PRO 12VF 14 VF **-1|-**80€€ 0€€ D1 : DSA3AI D2,3 : MI3O8 D4,5 : HSM8BAS PRO 330P C36 Ē, 47K 482 330P PS20 330 b 1000 P OFFSET : 2SC2712Y 2: M57716 330P 150 150 162 1050 850 W-42K ΛΒΙ Σ C22 22P 97 3°21 C27 RF - 144-A/2 - 5 - SB 15 P C20 RF-430-B/2-201-43RA 43 615 11 -1 16.5 دع 00 D3 (~ 02 12.P 000P 4000P EINVF-144-3-6ND 9 R. − 1/2 W 144-3-CND 9 GND 430-B\S-506-80 4E 010 1.51 ٤ 8 X T E P ١٥٨ S **11−**€ 012 012 907 8 10 8 10001 90 8 8 22 40001 70 (047 (167 (167 (167 SS 16V 8-E-3.1-JANIA7 7] FINAL (430MHz) UNIT (LOW) 613 40001 FAINAL -1.2 - 3 - 8 8 ε C 2 3 8 12 16V C3 RF-144-A/2-5-GND DC13.8V 9102 <u>ල</u> **@** 8.8 11-1 1000 b **©** + 100 1 e A 0000i 113 (X45-3140-00) ூ Z 850 870 4°. 108 8 SO 90001 10001 RF-430-B/2-205-43D Note:



Note:

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■ FINAL (430 MHz) UNIT (HI) (X45-3170-00)



Note:

