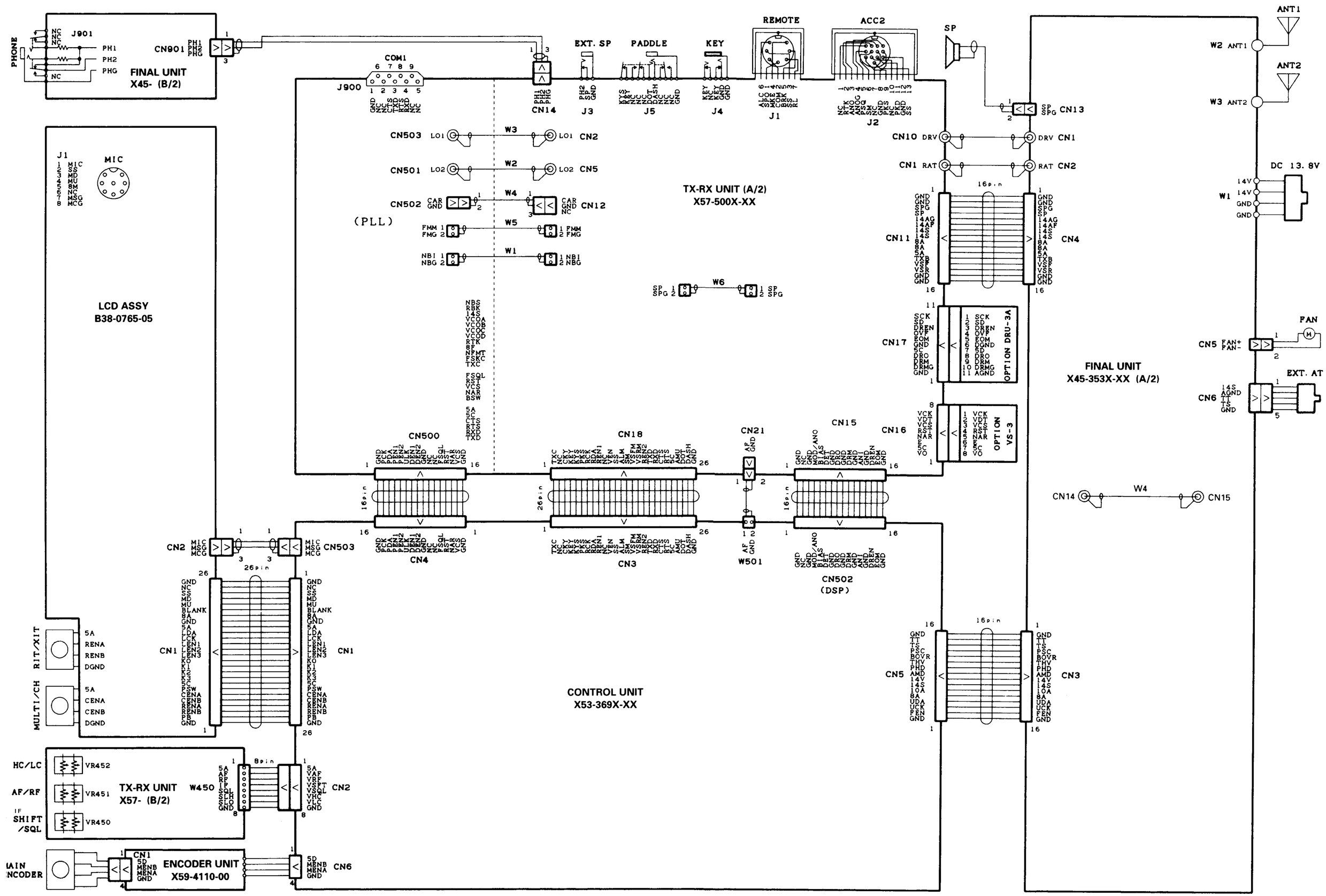
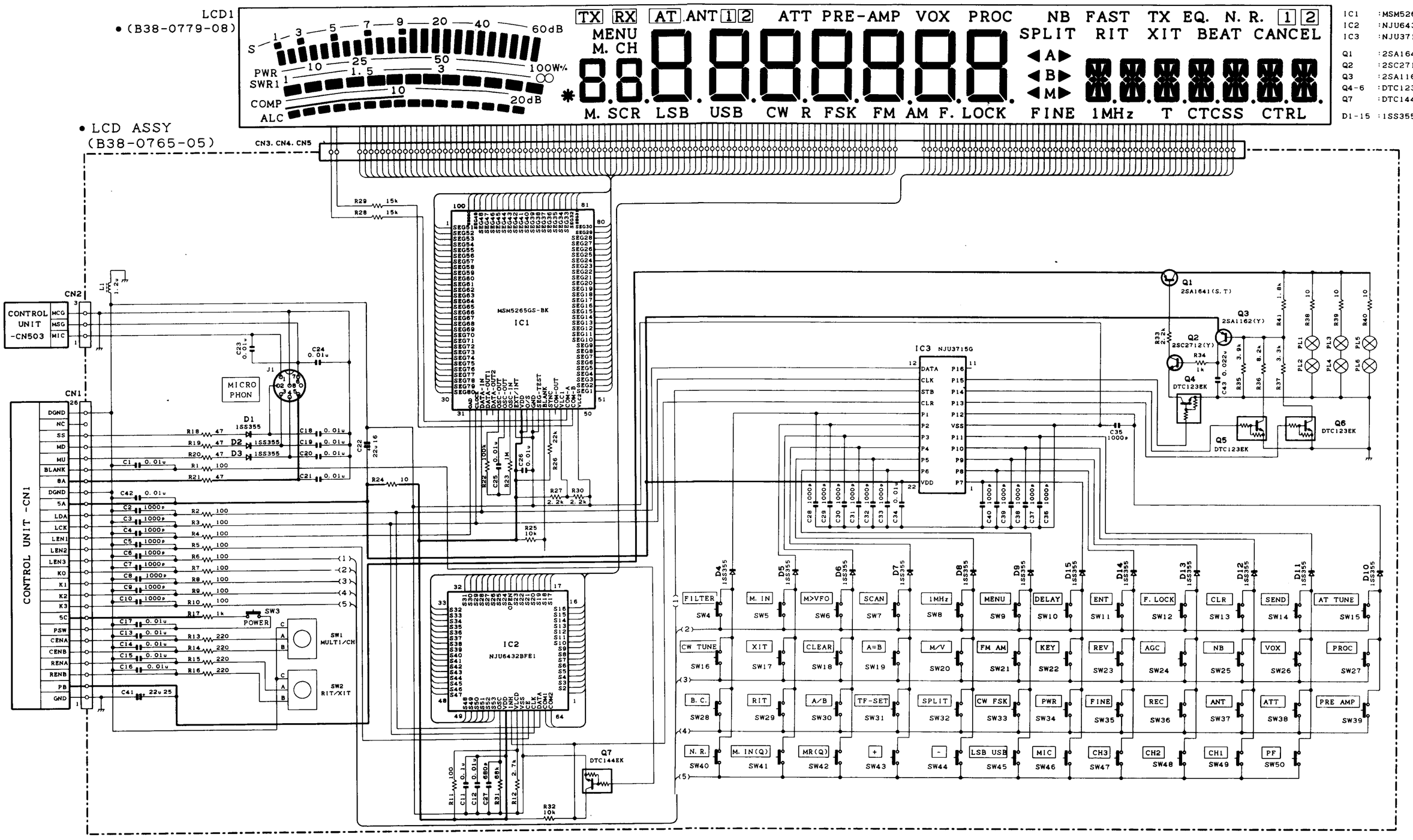
# WIRING


FINAL UNIT
X45- (B/2)
PHONE
J901
CN901
COM1
J900
CN14
EXT. SP
J3
PADDLE
J5
KEY
J4
REMOTE
J1
ACC2
J2
SP
CN13
ANT1
ANT2
W2 ANT1
W3 ANT2
DC 13. 8V
W1
FAN
CN5 FAN+ FAN-
EXT. AT
CN6
FINAL UNIT
X45-353X-XX (A/2)
CN10 DRV
CN1 RAT
CN11
CN4
CN17
OPTION DRU-3A
CN16
OPTION VS-3
CN15
CN14
W4
CN15
TX-RX UNIT (A/2)
X57-500X-XX
CN503
CN2
CN501
CN5
CN502
CN12
(PLL)
W3
W2
W4
W5
W1
W6
CN500
CN18
CN21
CN4
CN3
W501
CN502
(DSP)
LCD ASSY
B38-0765-05
J1
MIC
CN2
CN503
CN1
CONTROL UNIT
X53-369X-XX
CN5
CN3
MULTI/CH
RIT/XIT
HC/LC
AF/RF
IF SHIFT /SQL
VR452
VR451
VR450
TX-RX UNIT
X57- (B/2)
W450
CN2
MAIN ENCODER
CN1
ENCODER UNIT
X59-4110-00
CN6

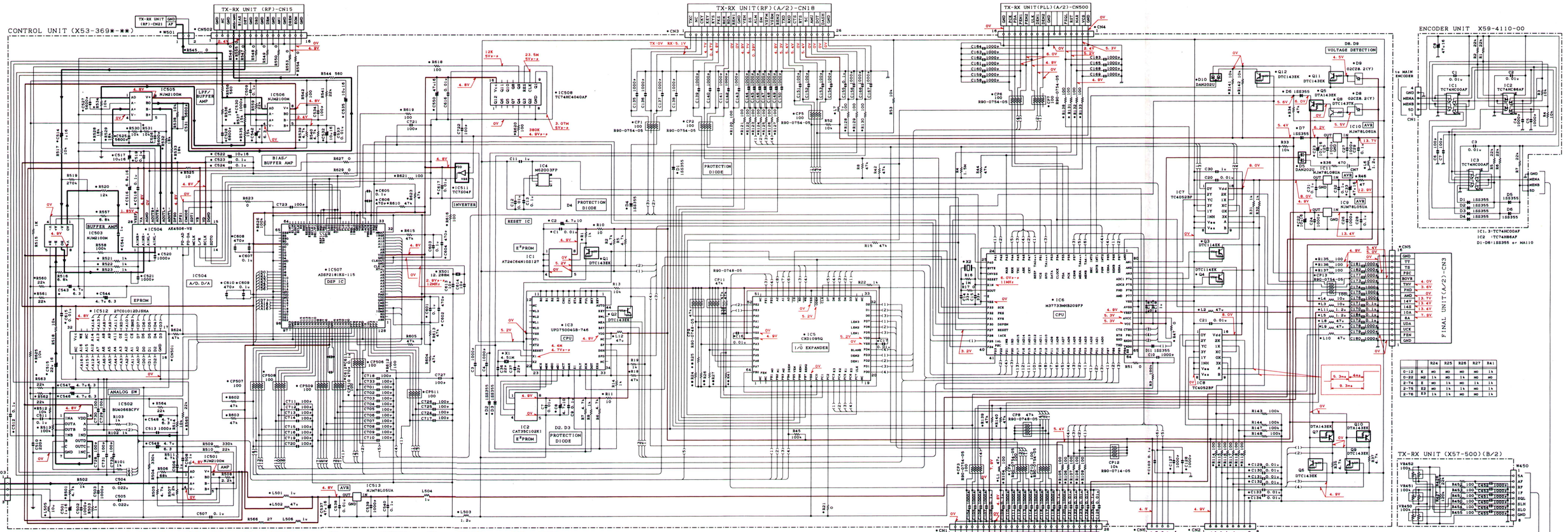
## LCD ASSY (B38-0765-05)



CONTROL UNIT (X53-369X-XX) 0-12 : K 0-22 : M2 2-74 : E 2-75 : E2 2-76 : E3

Note : Components marked with a dot (·) are parts of pattern 1.

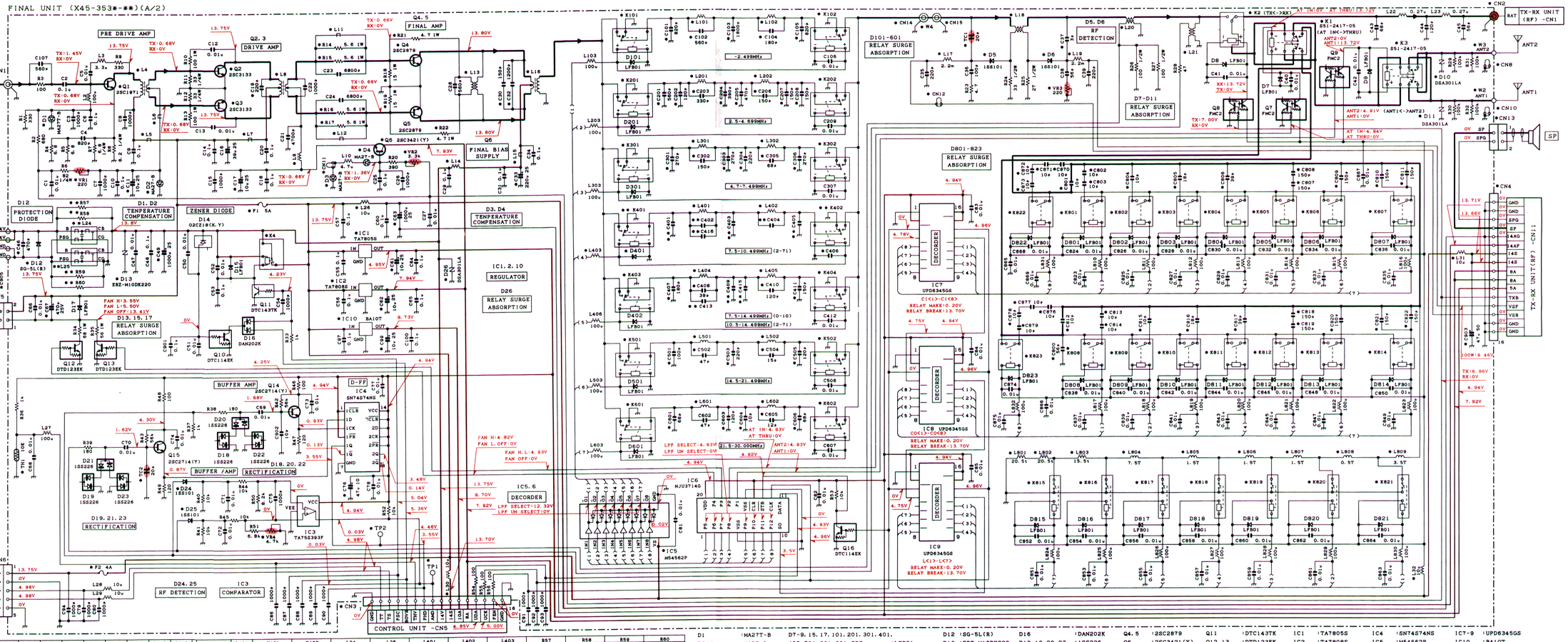
# CIRCUIT DIAGRAM TS-570DG




| | R24 | R25 | R26 | R27 | R41 |
|---|---|---|---|---|---|
| 0-12 | K | NO | NO | NO | 1k |
| 0-22 | M2 | 1k | NO | NO | NO |
| 2-74 | E | NO | 1k | 1k | 1k |
| 2-75 | E2 | NO | 1k | 1k | NO |
| 2-76 | E3 | 1k | 1k | NO | 1k |

D1~4, 6, 7 : 1SS355
D5, 10 : DAN202U
D8 : 02CZ8.2(Y)
D9 : 02CZ9.1(Y)
Q1, 2, 6, 9, 11, 12 : DTC143EK
Q3, 4 : DTC114EK
Q5, 7, 10 : DTA143EK
Q8 : DTC143TK
IC1 : AT24C64N10SI27
IC2 : CAT35C102KI
IC3 : UPD75004GB-746
IC4 : M62003FP
IC5 : CXD1095Q
IC6 : M37733MHB209FP
IC7 : TC4052BF
IC8 : TC4052BF
IC9, 513 : NJM78L05UA
IC10 : NJM78L06UA
IC11 : NJM78L08UA
IC501, 503, 505, 506 : NJM2100M
IC502 : BU4066BCFV
IC504 : AK4506-VS
IC507 : ADSP2181KS-115
IC508 : TC74HC4040AF
IC511 : TC7S04F
IC512 : 27C01012DJSHA

# CIRCUIT DIAGRAM TS-570DG

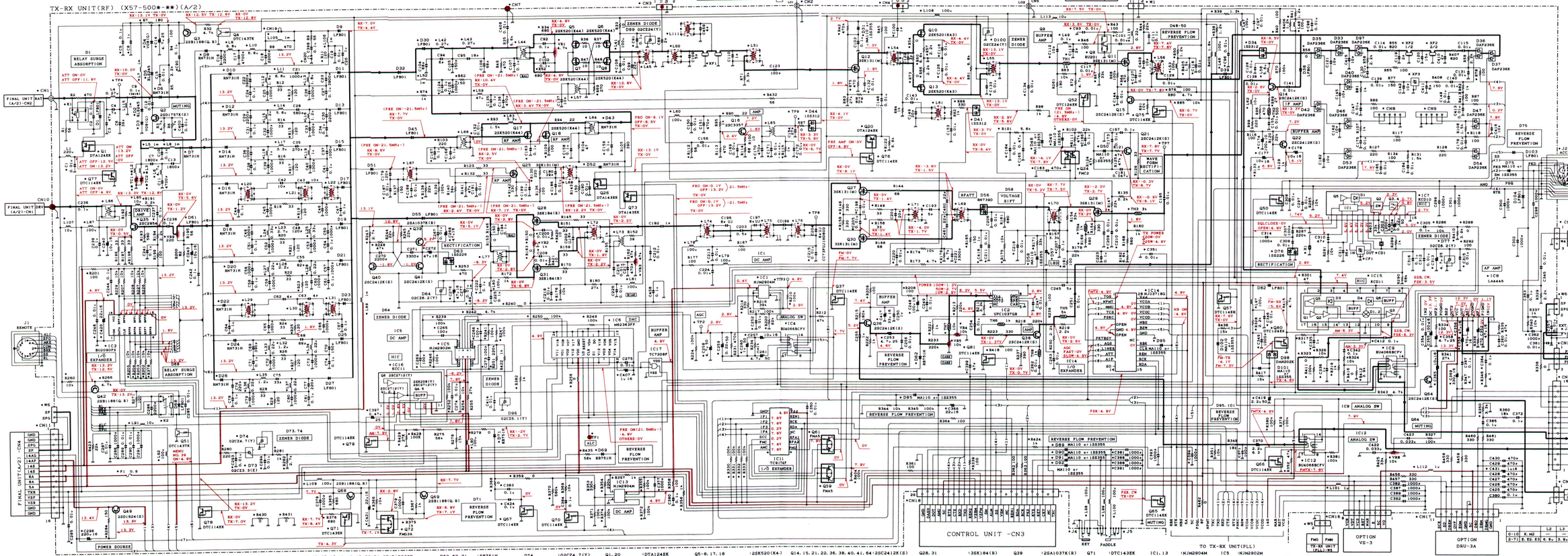



| | | C401 | C402 | C403 | C404 | C405 | C406 | C409 | C413 | C415 | C416 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-10 | K, M2 | NO | NO | NO | NO | NO | NO | 180+ | 5+ | 120+ | NO |
| 2-71 | E, E2, E3 | 180+ | 47+ | 270+ | 150+ | 150+ | 0.01μ | 330+ | NO | NO | 5+ |

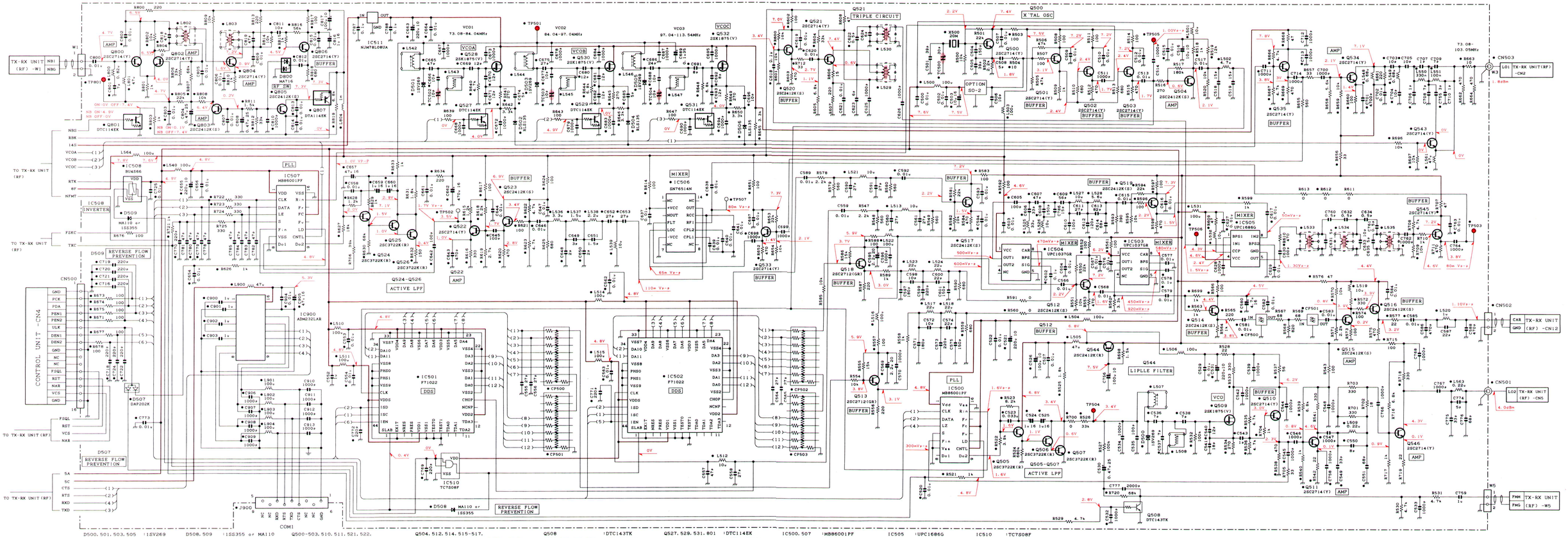
| | C904, 905 | D401 | K401 | K402 | L24 | L25 | L401 | L402 | L403 | R57 | R58 | R59 | R60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| | 470+ | LFB01 | 254-1420-05 | 254-1420-05 | L79-0558-05 | L79-0558-05 | L39-1221-05 | L39-1220-05 | L40-1015-48 | NO | 892-2569-05 | 892-2569-05 | 892-2569-05 |

D1 : MA27T-B
D2-4 : MA27-B
D5, 6, 24, 25 : 1SS101
D7-9, 15, 17, 101, 201, 301, 401, 402, 501, 601, 801-823 : LFB01
D10, 11, 26 : DSA301LA
D12 : SG-5L(R)
D14 : ERZ-M10DK220
D16 : 02CZ18(X, Y)
D18, 19, 20-23 : 1SS226
Q1 : 2SC1971
Q2, 3 : 2SC3133
Q4, 5 : 2SC2879
Q6 : 2SC3421(Y)
Q7-9 : FMC2
Q10, 16 : DTC114EK
Q11 : DTC143TK
Q12, 13 : DTD123EK
Q14, 15 : 2SC2714(Y)
IC1 : TA7805S
IC2 : TA7808S
IC3 : TA75393F
IC4 : SN74S74NS
IC5 : M54562P
IC6 : NJU3714G
IC7-9 : UPD6345GS
IC10 : BA10T

TX-RX UNIT (X57-500X-XX) : RF 0-10 : K,M2 2-71 : E,E2,E3



TX-RX UNIT(PLL)(X57-500*-**)(A/2) (0-10)(K.M2) (2-71)(E.E2.E3)




| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D500, 501, 503, 505 | :1SV269 | D508, 509 | :1SS355 or MA110 | Q500-503, 510, 511, 521, 522, | Q504, 512, 514, 515-517, | Q508 | :DTC143TK | Q527, 529, 531, 801 | :DTC114EK | IC500, 507 | :MB86001PF | IC505 | :UPC1686G | IC510 | :TC7S08F | | |
| D502, 504, 506 | :RL6135 | D800 | :MA716 | 533-535, 543, 545, 546, | 519, 520, 523, 803, 805 | Q509, 528, 530, 532 | :2SK1875(V) | Q544 | :2SC2412K(R) | IC501, 502 | :FT1022 | IC506 | :SN76514N | IC511 | :NJM78L08UA | | |
| D507 | :DAP202K | | | 800, 802, 804, 806 | :2SC2714(Y) | Q505-507, 524-526 | :2SC3722K(R) | Q513, 518 | :2SC2712(GR) | Q807 | :DTA114EK | IC503, 504 | :UPC1037GR | IC508 | :BU4S66 | IC900 | :ADM232LAR |