

Signal line

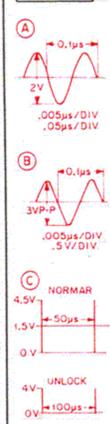
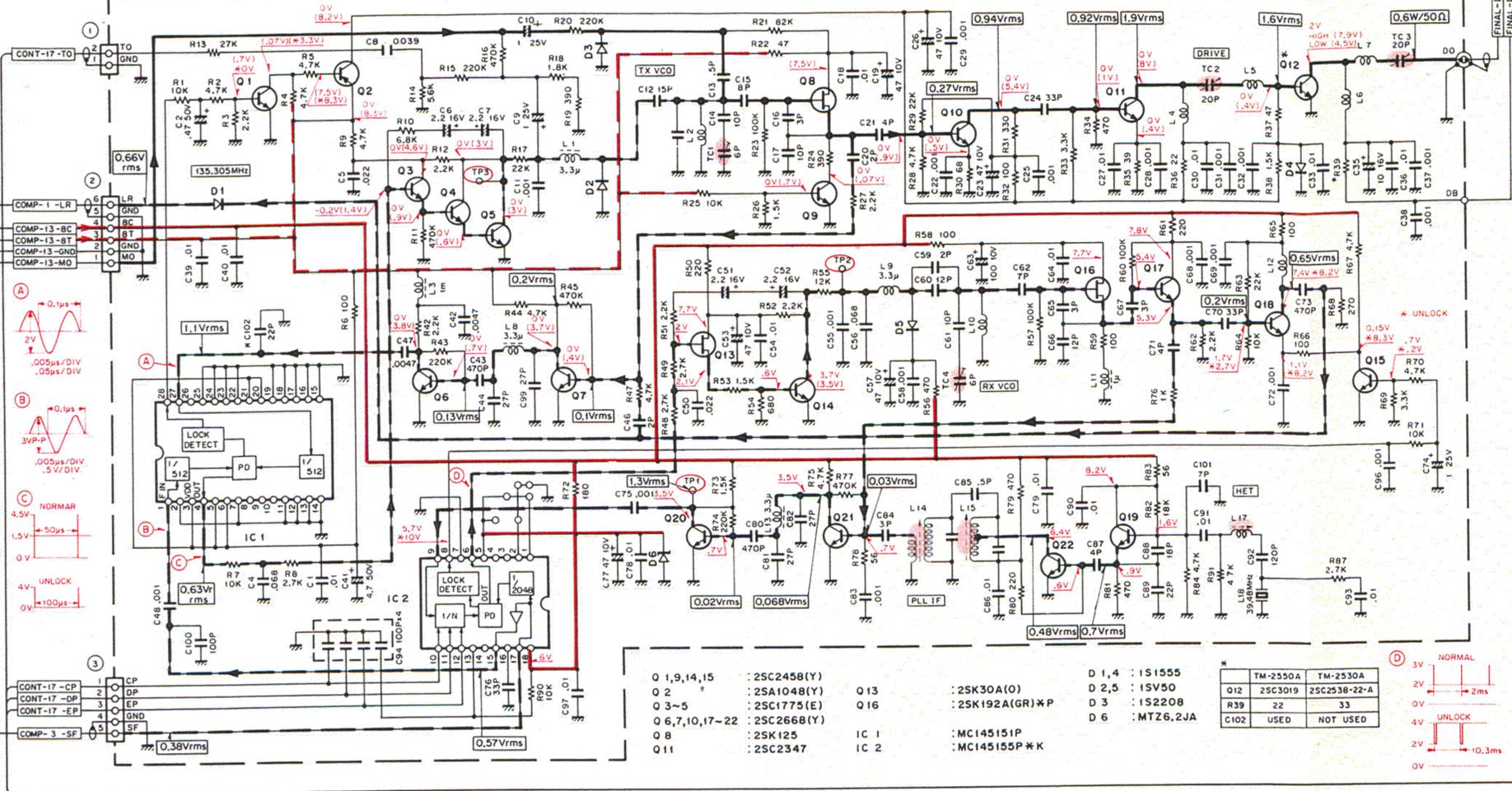
Control line

Common DC line

8T Line

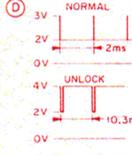
Voltage measurement condition

PLL UNIT (X50-2030-XX) -10:TM-2550A, -11:TM-2530A

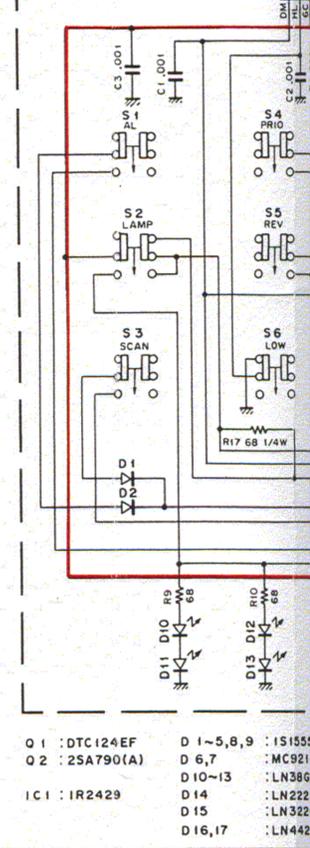


- Q 1,9,14,15 : 25C2458(Y)
- Q 2 : 25A1048(Y)
- Q 3-5 : 25C1775(E)
- Q 6,7,10,17-22 : 25C2668(Y)
- Q 8 : 25K125
- Q 11 : 25C2347
- Q 13 : 25K30A(O)
- Q 16 : 25K192A(GR)*P
- D 1,4 : 1S1555
- D 2,5 : 1S1550
- D 3 : 1S2208
- D 6 : MT26.2JA
- IC 1 : MC145151P
- IC 2 : MC145155P*K

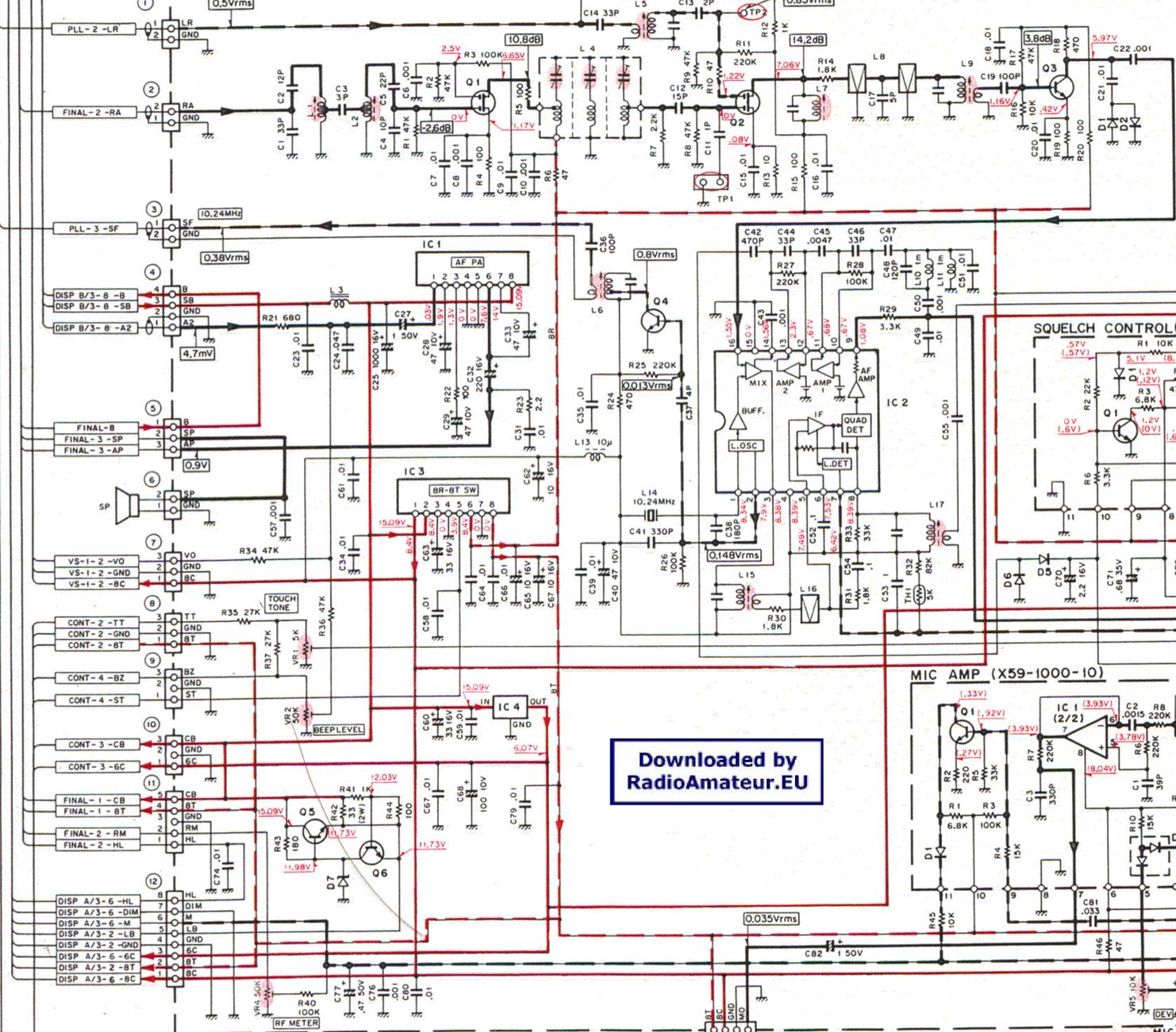
- TM-2550A
- TM-2530A
- Q12 : 25C3019
- R39 : 22
- C102 : USED



DISPLAY UNIT (X54-1860-10) (A/3)



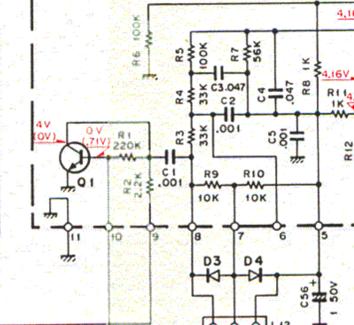
COMPOUND ASS'Y UNIT (X60-1280-10)



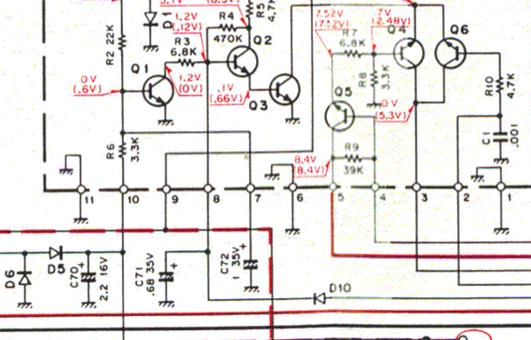
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- Q 1 : 35K129(S)
- Q 2 : 35K74(L)
- Q 3,4 : 25C2668(Y)
- Q 5 : 25C496(Y)
- Q 6,7,9 : 25C2458(Y)
- Q 8 : 25C1775(E)
- Q10,11 : DTC114ES
- IC 1 : µPC1241H
- IC 2 : TA7761P
- IC 3 : MB3756
- IC 4 : NJM78M06A

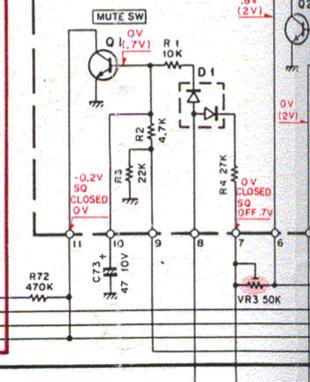
CENTER DETECTOR (X59-1030-10)



SQUELCH CONTROL (X59-1040-10) I CLOSE



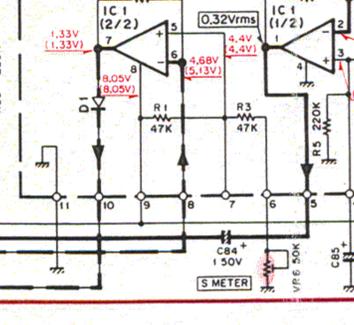
ALERT, VACANT CH. (X59-1020-10)



MIC AMP (X59-1000-10)



MIC AMP, S-METER (X59-1010-10)



- MIC AMP (X59-1000-10)
- Q 1 : 25C2712(Y)
- IC 1 : NJM4558M
- D 1 : 1S5184
- D 2 : 1S5181

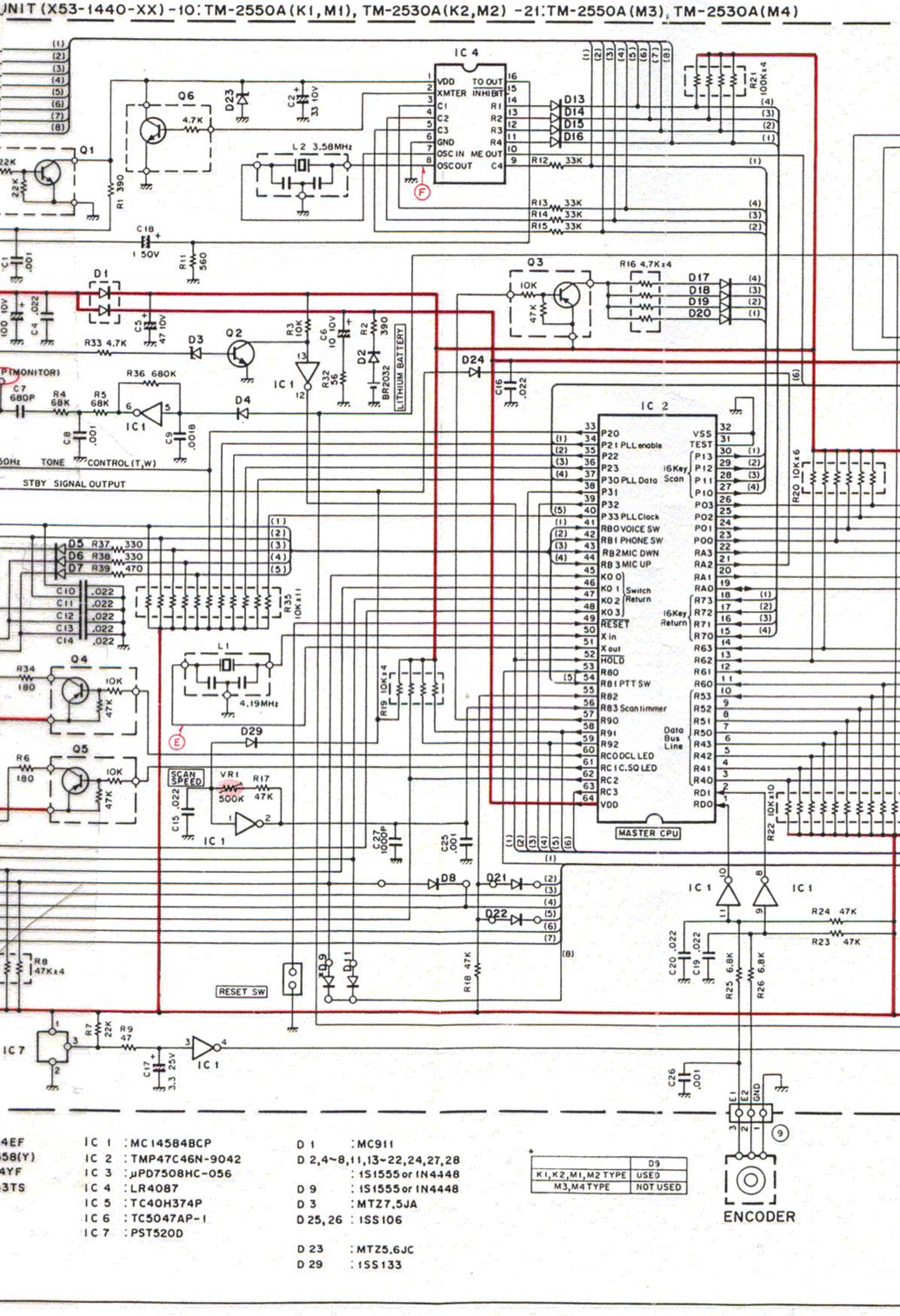
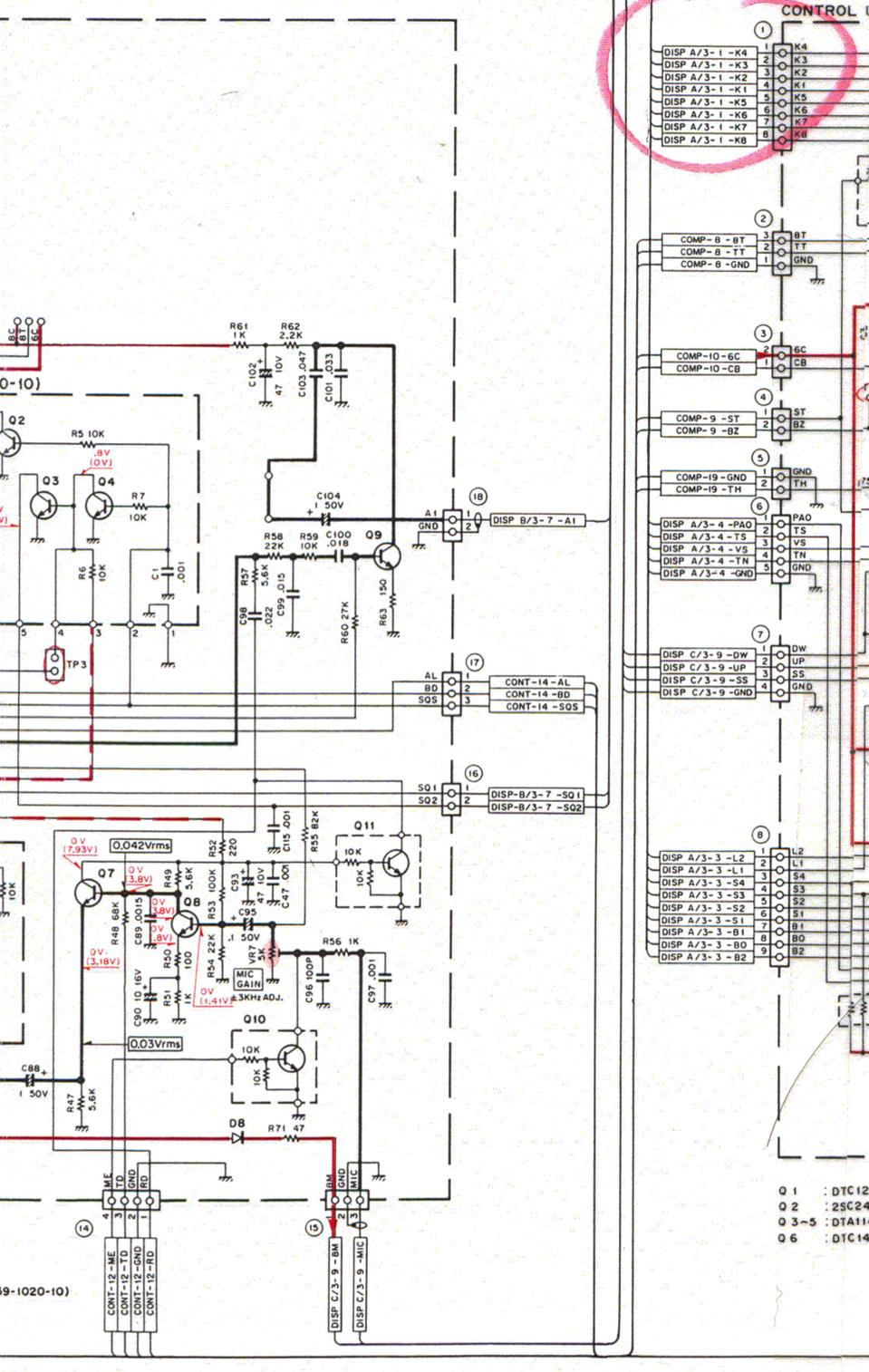
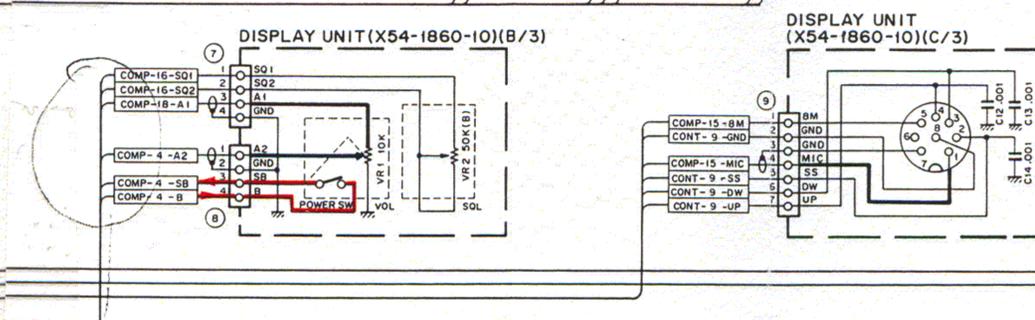
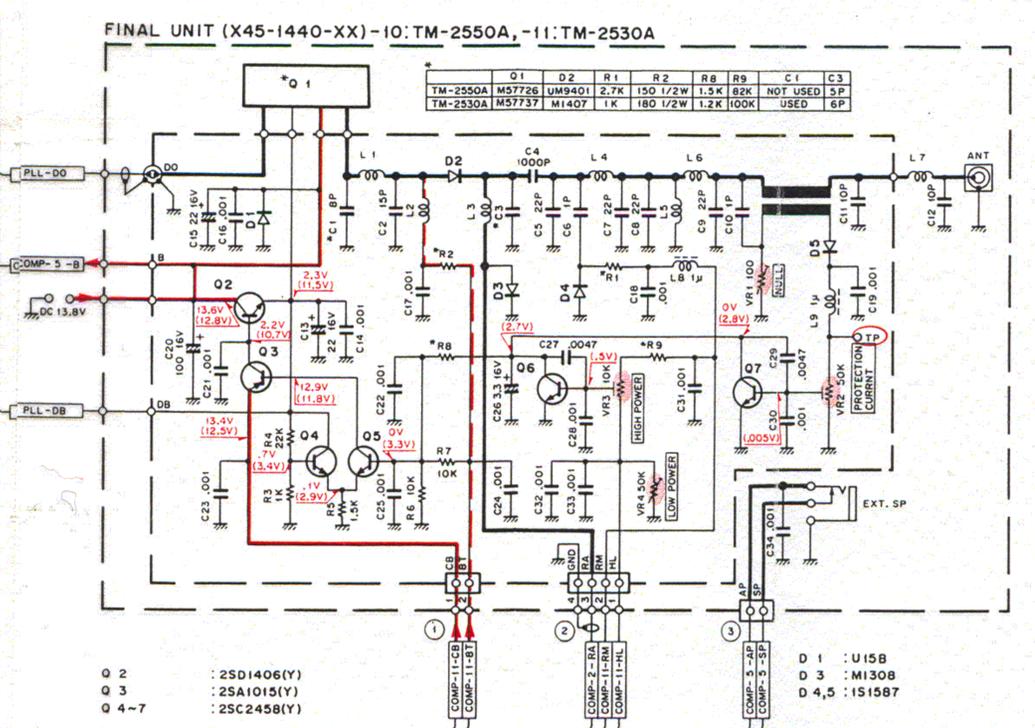
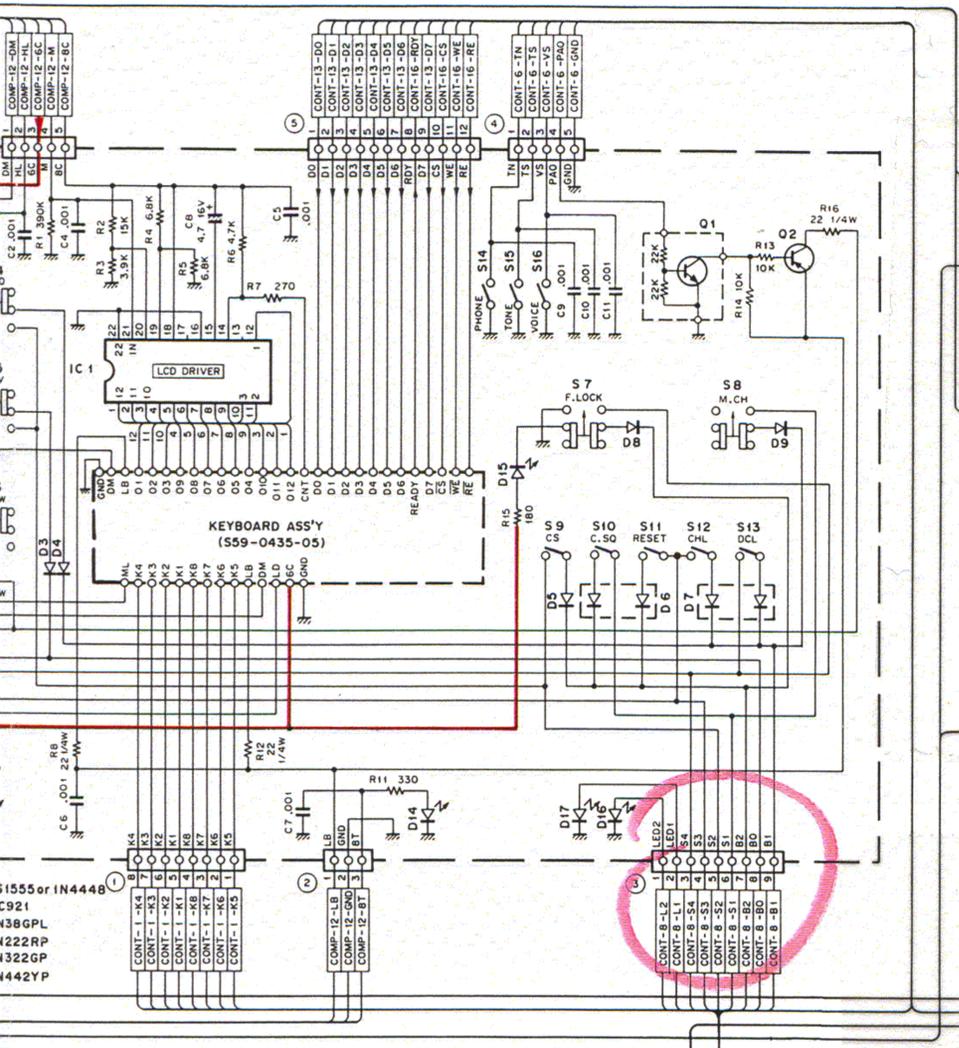
- CENTER STOP (X59-1030-10)
- Q 1 : 25C2714(Y)
- IC 1 : NJM4558M
- D 1 : 1S5181

- SQUELCH SWITCH (X59-1040-10)
- Q 1,5 : 25C2712(K)
- Q 2,3 : 25C3295(B)
- Q 4,6 : 25C2712 (BL)
- D 1 : 1S5184

- ALERT, VACANT CH. (X59-1020-10)
- Q 1-4 : 25C2712(Y)
- D 1 : 1S5181

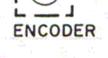
ons f = 144.00MHz, RX no signal, () : TX.

SCHEM



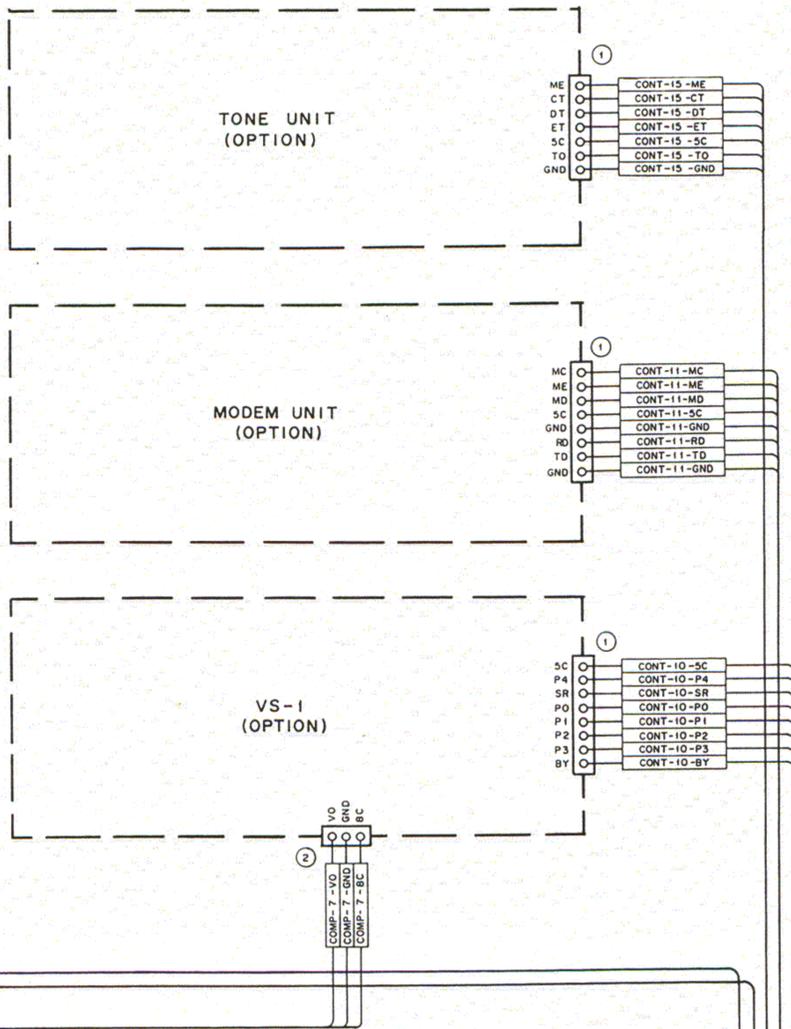
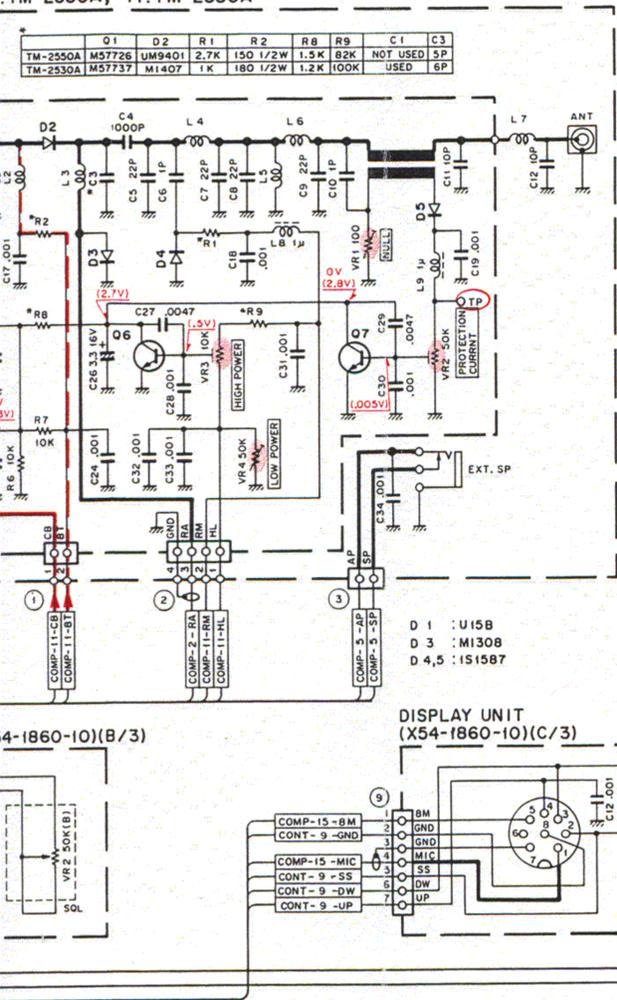
- Q1 : DTC124EF
- Q2 : 2SC2458(Y)
- Q3-5 : DTA114YF
- Q6 : DTC143TS
- IC1 : MC14584BCP
- IC2 : TMP47C46N-9042
- IC3 : μPD7508HC-056
- IC4 : LR4087
- IC5 : TC40H374P
- IC6 : TC5047AP-1
- IC7 : PST520D
- D1 : MC911
- D2,4-8,11,13-22,24,27,28
- D9 : 1S1555 or IN4448
- D3 : MTZ7.5JA
- D25,26 : ISS106
- D23 : MTZ5.6JC
- D29 : ISS133

| | |
|---------------------|----------|
| K1, K2, M1, M2 TYPE | USED |
| M3, M4 TYPE | NOT USED |

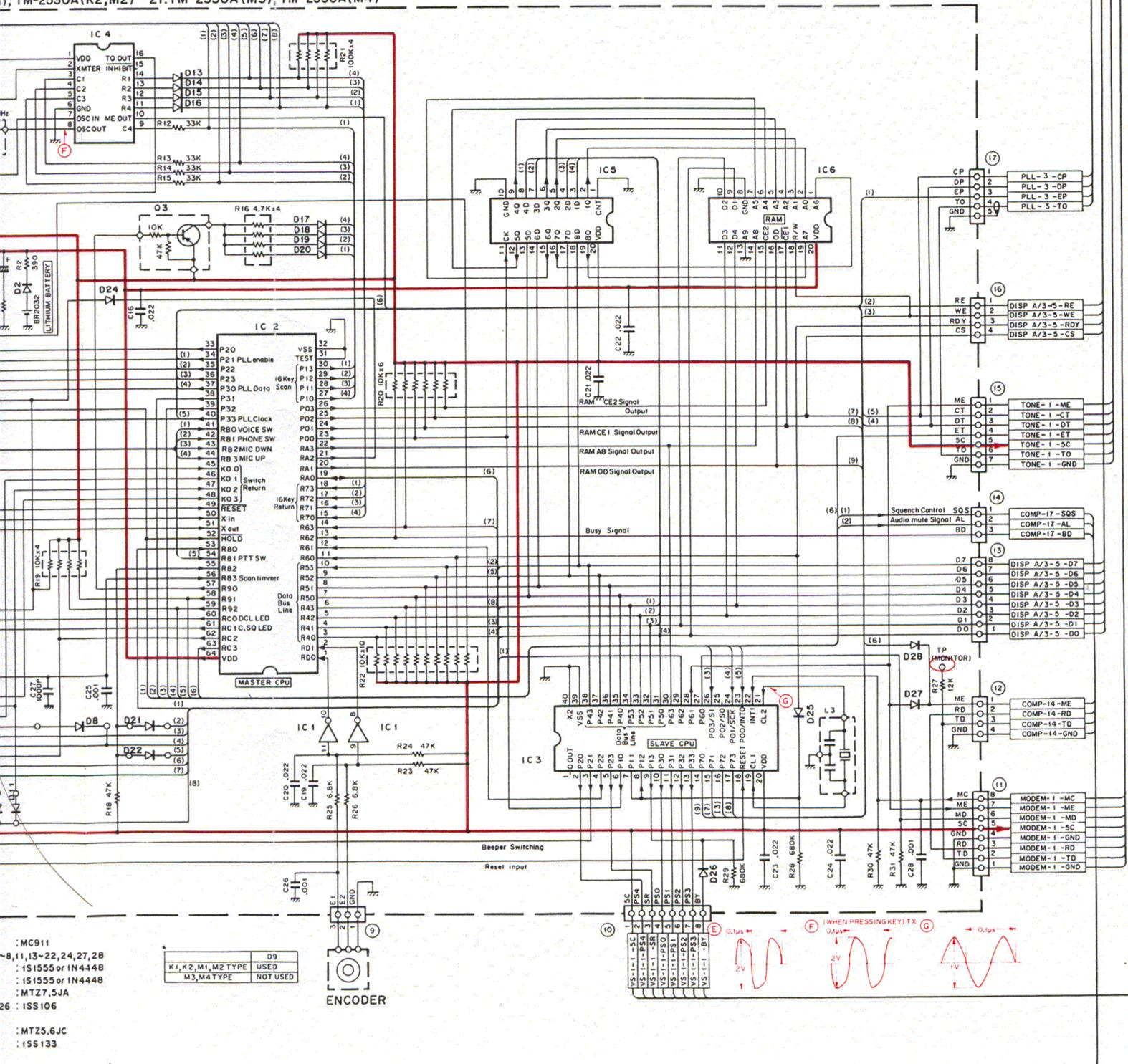


SCHEMATIC DIAGRAM (K,M TYPE) TM-2550A/E, 2530A

TM-2550A, -11: TM-2530A



TM-2530A(K2,M2) -21: TM-2550A (M3), TM-2530A(M4)



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