

2SA733(A)
2SA999
2SC1923
2SC2320
2SC945(A)
2SD1302
2SD863

2SD1266

2SA937F

2SK364

3SK122

2SK241

NJM2901N

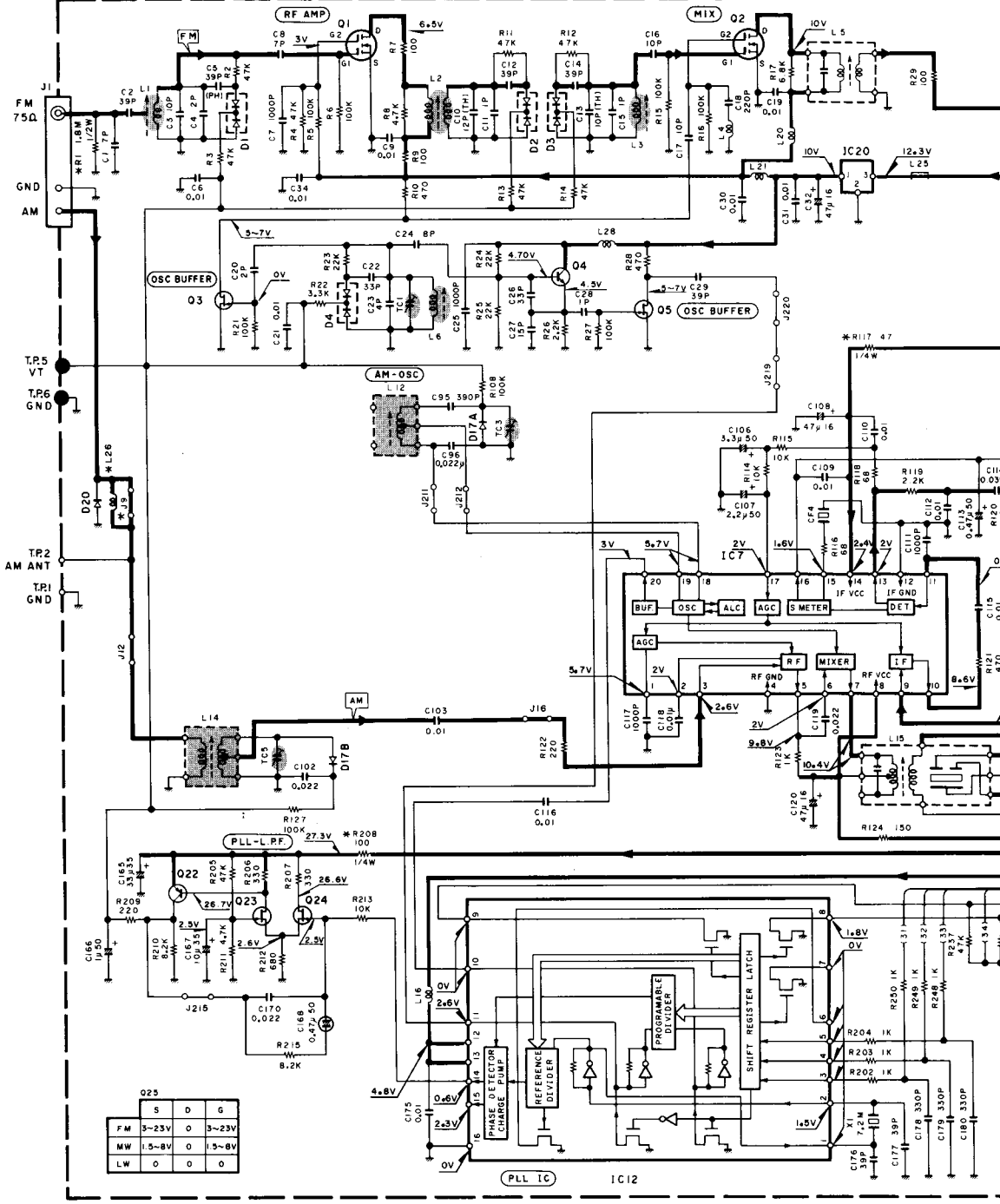
UPD4013BC
UPD4069UB

LA1235
LM7001

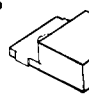
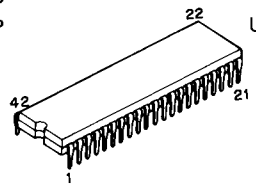
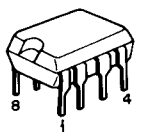
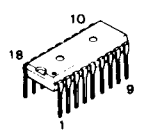
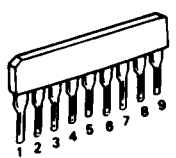
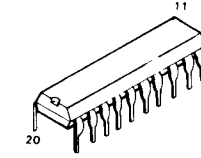
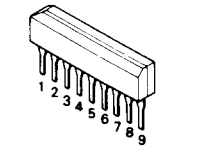
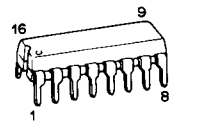
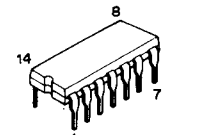
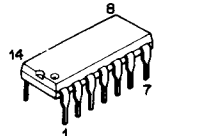
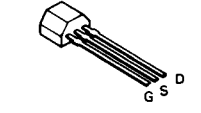
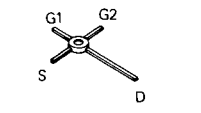
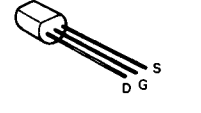
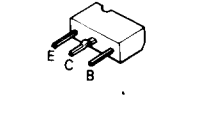
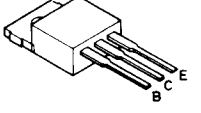
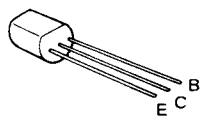
LA7910

LA1245

(X05-338X-**) (A/5)



- Q1, 2 : 3SK122(L)
- Q3 : 2SK241(IGR)
- Q4 : 2SC1923(R,0)
- Q5 : 2SK241(Y,GR)
- Q8, 16, 19, 28, 29, 31 : 2SC945(A)(O,P)
- Q9, 23, 24 : 2SK364(IGR, BL)
- Q10, 11 : 2SD1302(S, T)
- Q14, 20~22, 30 : 2SA733(A)(O,P) or 2SA999(E,F)
- Q15, 17 : 2SD863(E,F)
- Q18 : 2SD1266(O,P)
- Q32 : 2SA937F

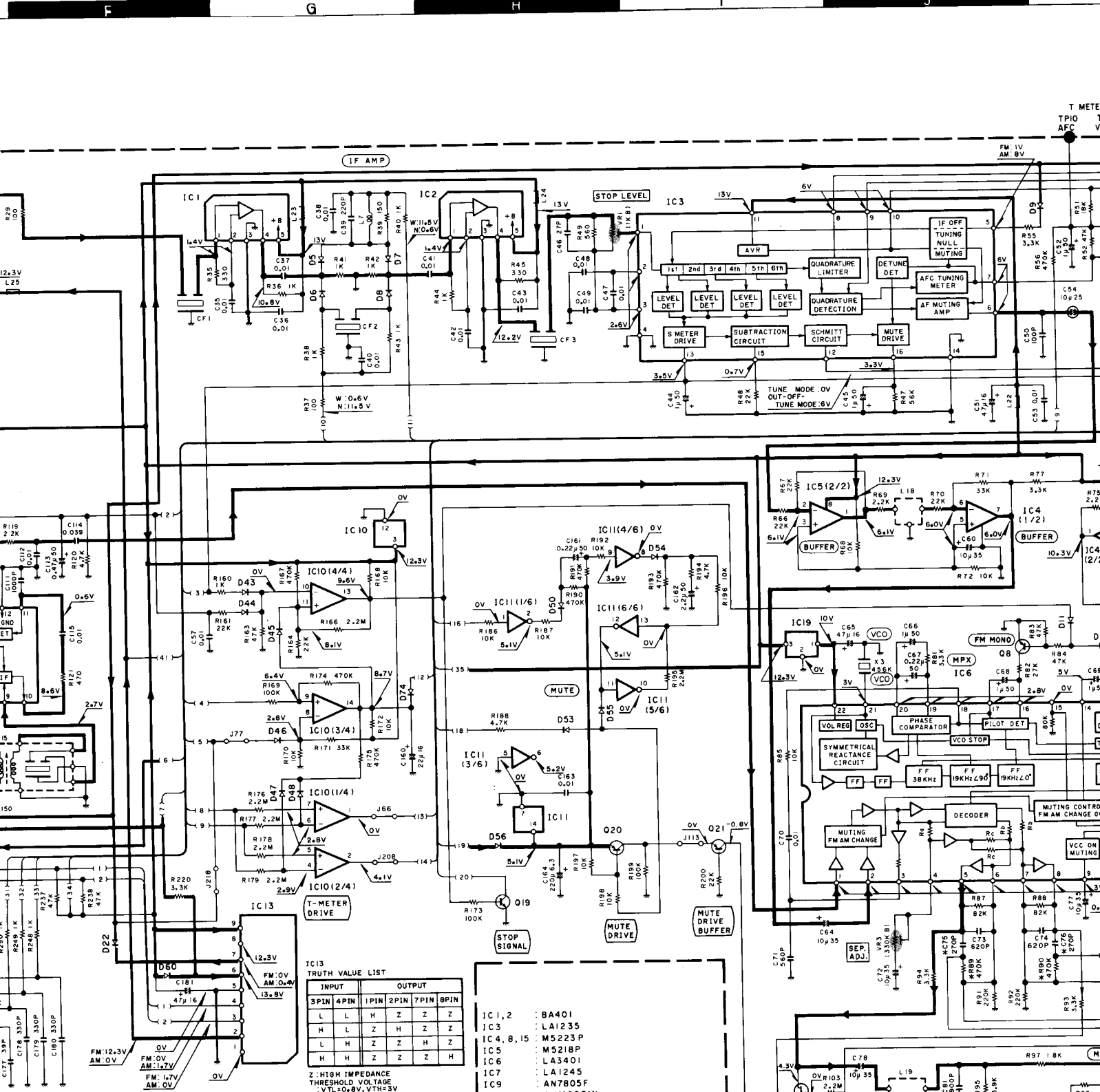


LB1493

LB1241

M5218P
M5223P

UDP7538AC-045



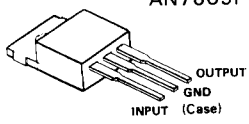
IC13 TRUTH VALUE LIST

INPUT		OUTPUT			
3PIN	4PIN	1PIN	2PIN	7PIN	8PIN
L	L	H	Z	Z	Z
H	L	Z	H	Z	Z
L	H	Z	Z	H	Z
H	H	Z	Z	Z	H

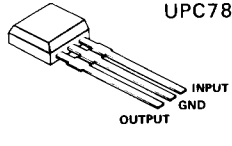
Z: HIGH IMPEDANCE
 THRESHOLD VOLTAGE
 VTL=0.8V, VTH=3V

- D1~4 : KVI320-4
 D5~9, 11~13, 20, 22, 23, 26~29, 40, 43~48, 50, 53~56, 60~69, 74~83, 87~95, 97, 98 : ISS133 or ISS176
 D17 : KVI236 (22)
 D25 : HZ524N (B) or RD24ES (B)
 D30~35, 37, 38, 41 : DSM1A1
 D36, 39, 42 : HZ551N (B2) or RD51ES (B2)
 D70~73 : HZ510N (B) or RD10ES (B)
- IC1, 2 : BA401
 IC3 : LA1235
 IC4, 8, 15 : MS223P
 IC5 : M521BP
 IC6 : LA3401
 IC7 : LA1245
 IC9 : AN7805F
 IC10 : NJM2901N
 IC11 : UPD4069UBC
 IC12 : LM7001
 IC13 : LA7910
 IC14 : UPD4013BC
 IC16 : LB1493
 IC17 : LB1241
 IC18 : UPD7538AC-045
 IC19, 20 : UPC78L10J

C-045

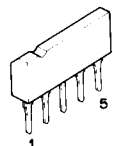


AN7805F

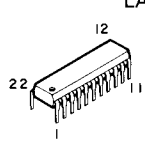


UPC78L10J

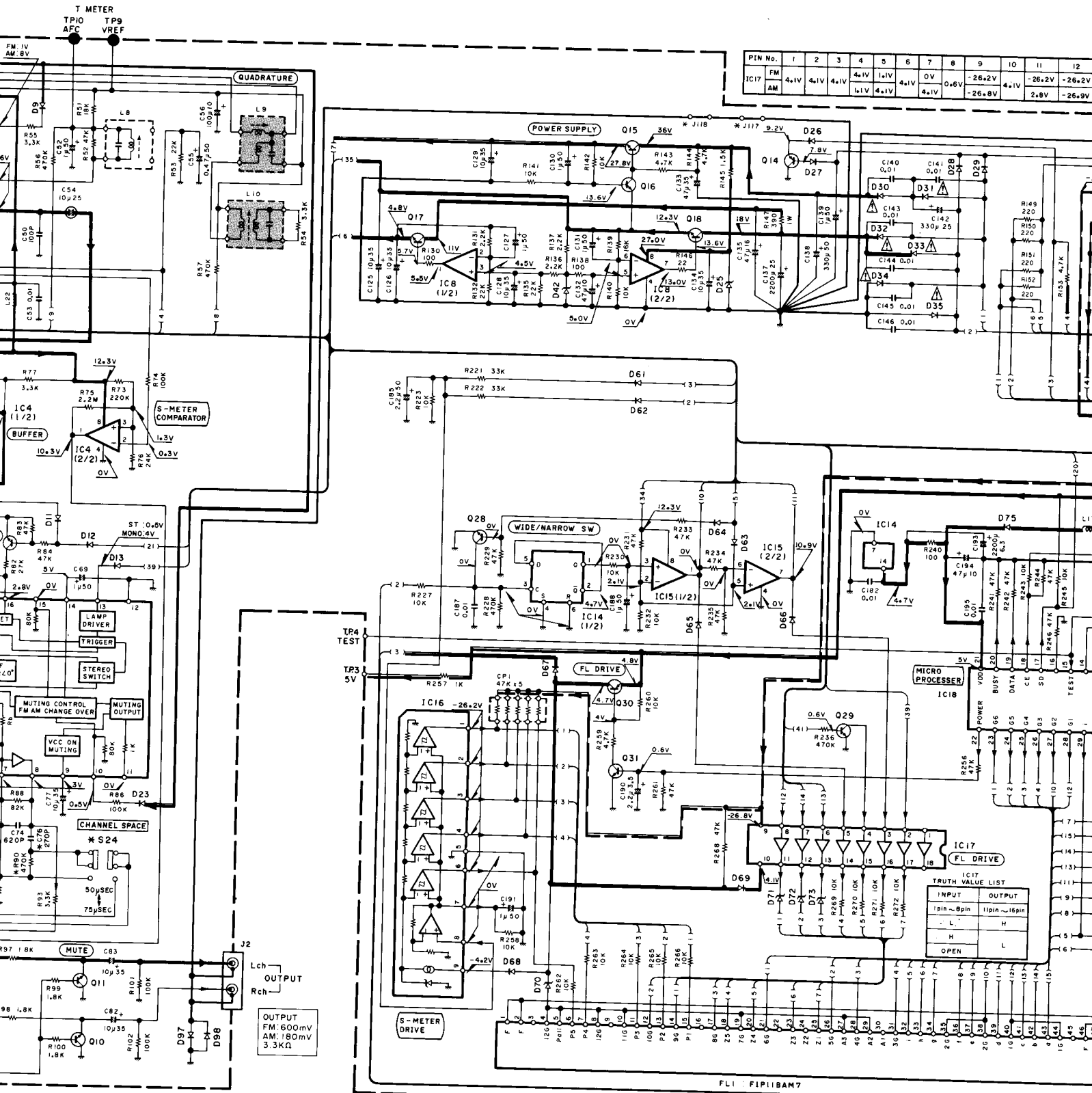
BA401



LA3401



CAUTION: (partially visible)



PIN No.	1	2	3	4	5	6	7	8	9	10	11	12
IC17	FM	4+1V	4+1V	4+1V	4+1V	4+1V	0V	0.6V	-26+2V	4+1V	-26+2V	-26+2V
	AM	4+1V	4+1V	4+1V	4+1V	4+1V	4+1V	0.6V	-26+8V	2.8V	-26+9V	

IC17 TRUTH VALUE LIST	
INPUT	OUTPUT
1pin ~ 8pin	11pin ~ 16pin
L	H
H	L
OPEN	L

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

● DC voltages are measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

● Les tensions c.c. doivent être à haute impédance. Les valeurs peuvent varier légèrement en raison de variations inhérentes de mesure individuels.

