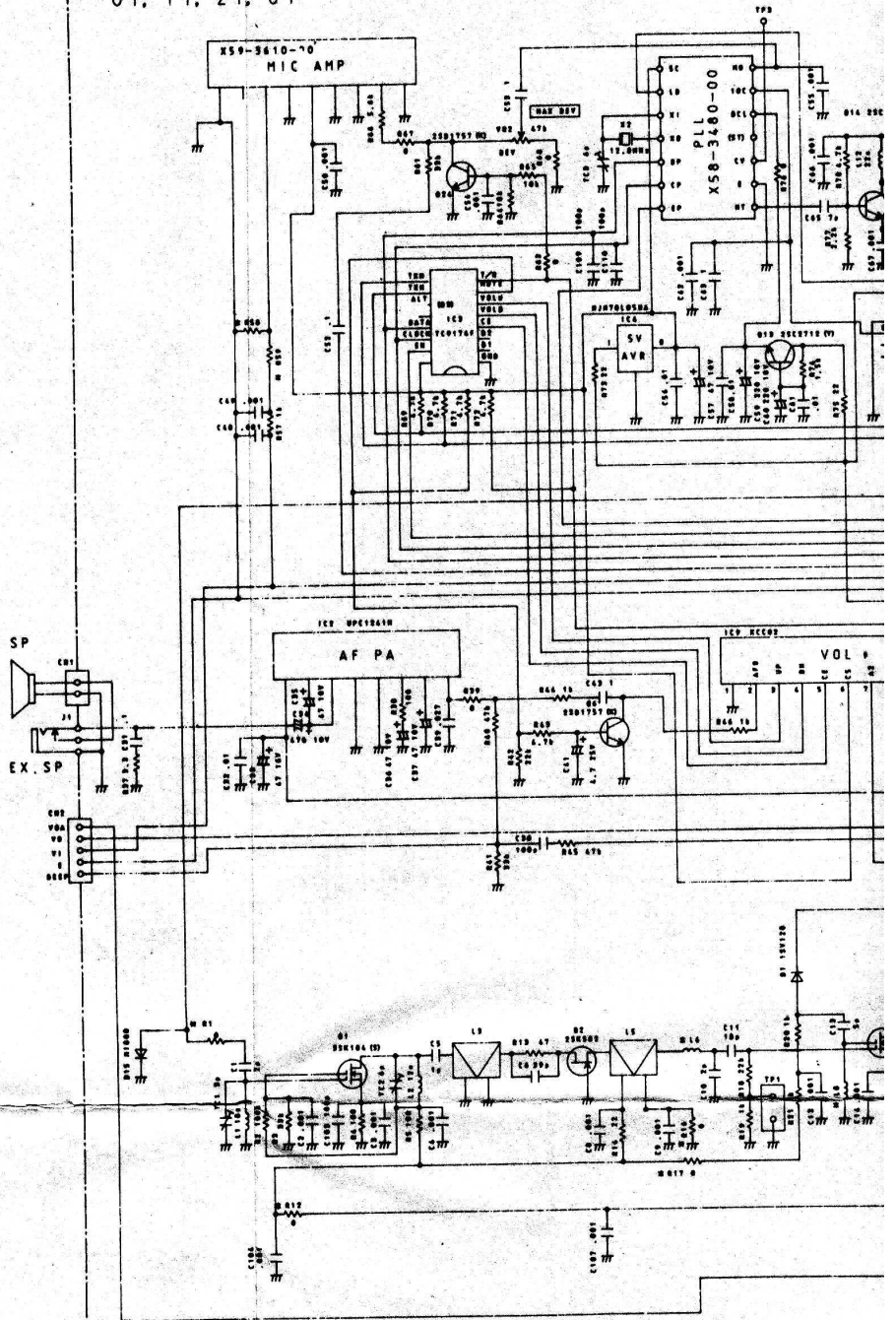


# TM-431A/431E SCHEMATIC DIAGRAM

downloaded by Amateur Radio Directory  
www.hamdirectory.info

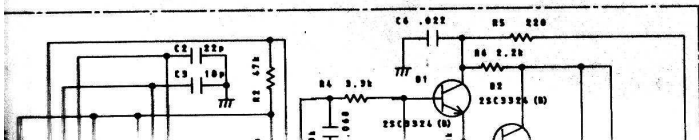
X57-3330-00 A/2  
01. 11. 21. 61



downloaded by Amateur Radio Directory  
www.hamdirectory.info

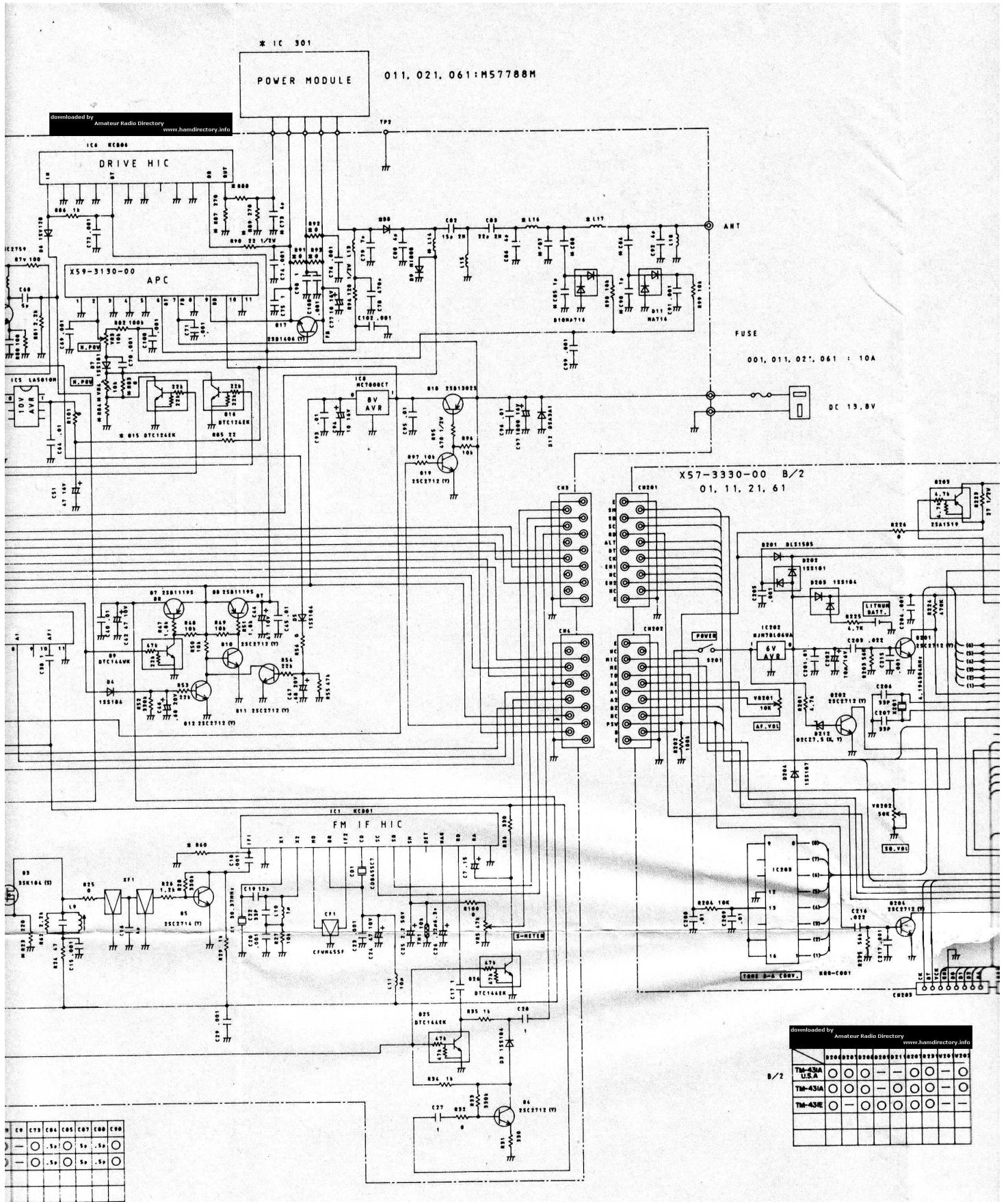
A/2

	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ
TM-431A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TM-431E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



CR101  
M N

R. 0.01  
R. 0.01  
R. 0.01



IC	CT3	CB4	CB5	CB7	CB8	CB9
○	○	○	○	○	○	○
○	○	○	○	○	○	○

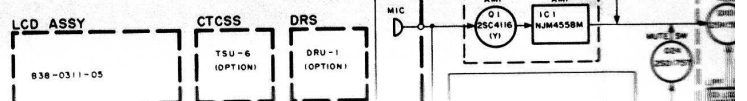
○ USED  
 — NOT USED

downloaded by Amateur Radio Directory  
 www.hamdirectory.info

B/2

	020	021	022	023	024	025	026	027	028	029	030
TM-431A U.S.A.	○	○	○	○	○	○	○	○	○	○	○
TM-431A	○	○	○	○	○	○	○	○	○	○	○
TM-431E	○	○	○	○	○	○	○	○	○	○	○

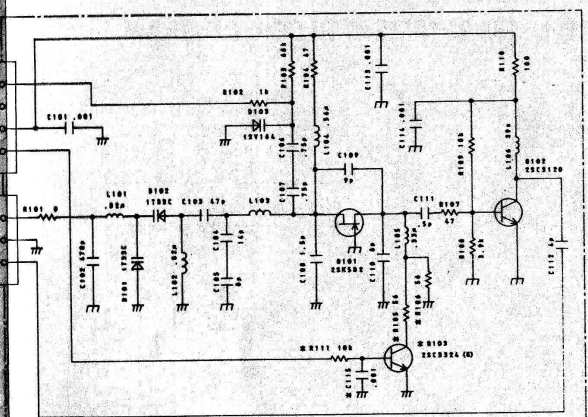
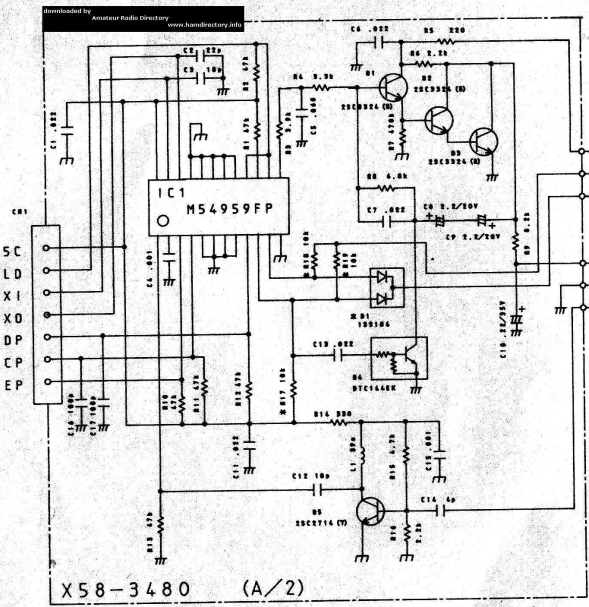
## 8-2. TM-431A/431E BLOCK DIAGRAM





A/2

80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



0-00	0	0	0	0	0	0	0	0	0
01	0100	011	010	010	0100	0111	0115	010	0

○ PART  
— NOT

MD  
10C  
BCL  
ST  
CV  
E  
HT

(TOP V)