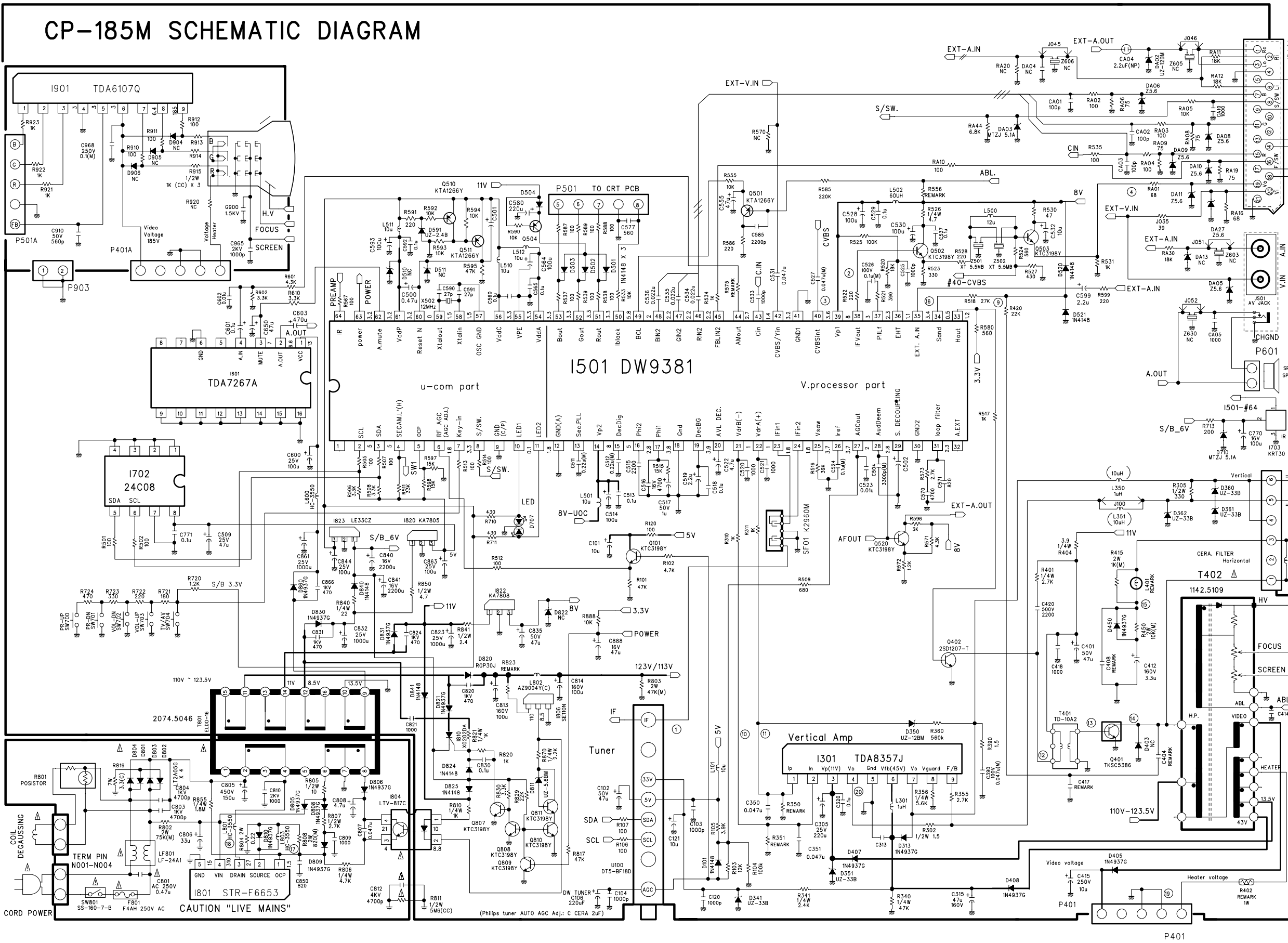


CP-185M SCHEMATIC DIAGRAM



- NOTE:**
1. RESISTANCE IS SHOWN IN OHM. K=1000, M=1000000
 2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES ARE EXPRESSED IN μ F
 3. VOLTAGES READ WITH "VTVM" FROM POINT INDICATED TO CHASSIS GROUND USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL LINE 230V AC VOLTAGE READINGS SHOWN ARE NORMAL VALUES AND MAY VARY +20% EXCEPT H.V.
 4. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE

WARNING:
BEFORE SERVICING THE CHASSIS, READ "X-RAY RADIATION", "SAFETY PRECAUTION", AND "PRODUCT SAFETY NOTICE" IN SERVICE MANUAL

CAUTION TO SERVICE TECHNICIANS:
BEFORE RETURNING THE RECEIVER TO CUSTOMER, LEAKAGE CURRENT OR RESISTANCE MEASUREMENTS SHOULD BE PERFORMED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT.

THE DIFFERENT PARTS FOR CRT

LOC.	14 INCH	20 INCH	21 INCH
R350	1/4 1.50K	1/4 1.80K	1/4 2.0K
R351	1/4 1.50K	1/4 1.80K	1/4 2.0K
R402	1W 1.2	1W 0.68	1W 1.2
R556	1/6 8.2K	1/6 7.5K	1/6 6.8K
R575	1/6 12K	1/6 10K	1/6 12K
R801	ECPCD140M290	ECPCD70M290	ECPCD70M290
R823	1/4 4.3K	1/4 3K	1/4 3K
L401	L-102 (102 μ H)	L-76 (76.5 μ H)	L-102 (102 μ H)
C404	1.6KV 8200PF	1.6KV 8200PF	1.6KV 7500PF
C408	200V 0.33 μ F	200V 0.27 μ F	200V 0.27 μ F
C417	250V 0.1 μ F	100V 0.22 μ F	250V 0.1 μ F

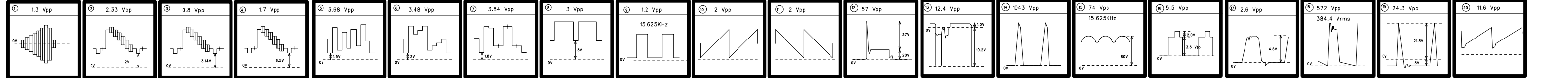
THE DIFFERENT PARTS FOR SYSTEM

LOC.	NAME	B/G, D/K	B/G, 1/1
SF01	SAW FILTER	K2960M	J1981M
Z501	CERA. FILTER	XT 5.5MB	XT 5.5MB
Z502	CERA. FILTER	XT 6.5MB	XT 6.0MB

PRODUCT SAFETY NOTE :
THE COMPONENTS MARKED WITH ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL OR SPECIFIED ONE IN THE PART LIST. DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

* WAVEFORMS

TEST CONDITIONS : PAL-B/G COLOR BAR (NOR.1)



S/N: 4858904993-00 (JANUARY, 2001)