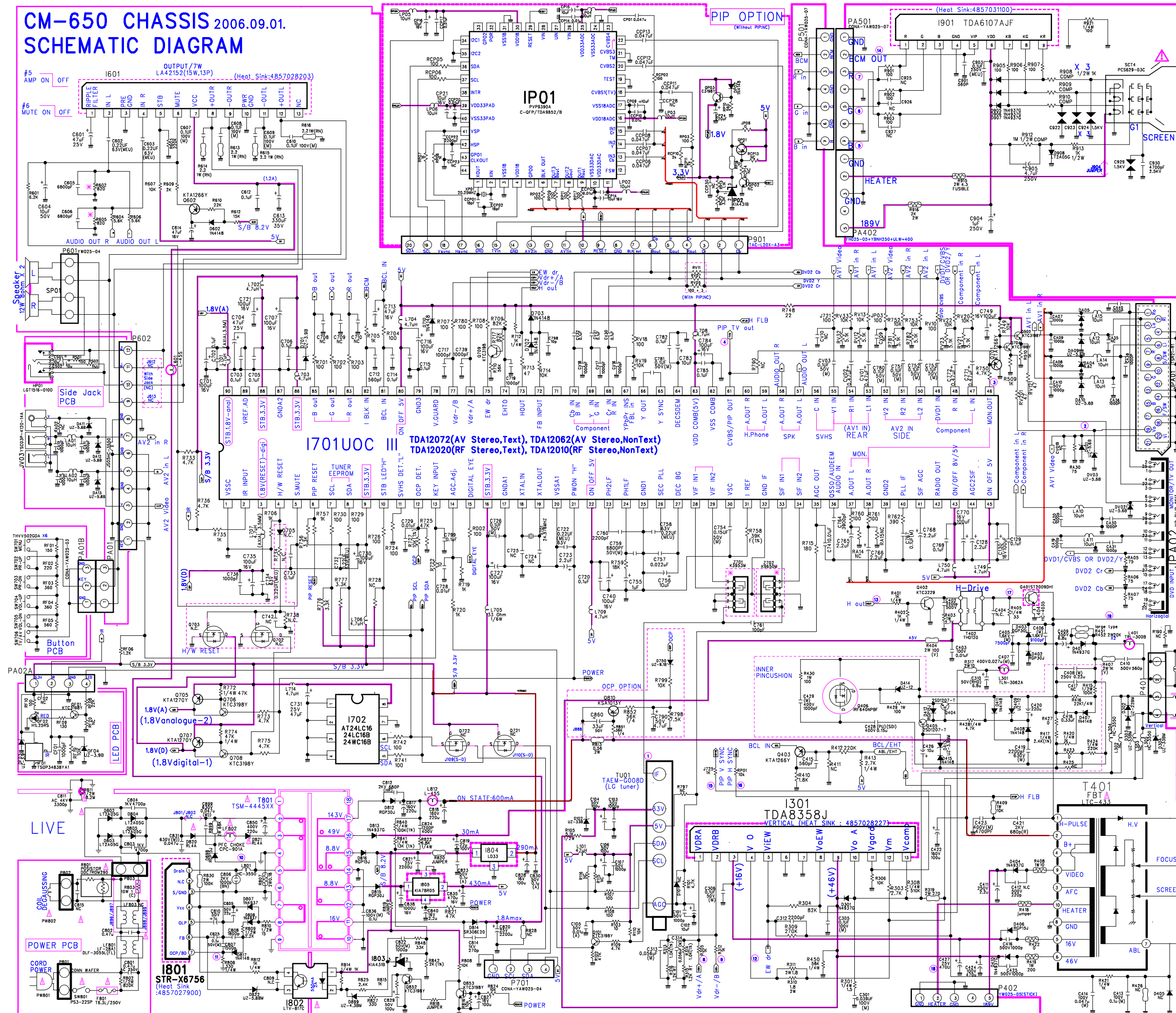


CM-650 CHASSIS 2006.09.01. SCHEMATIC DIAGRAM



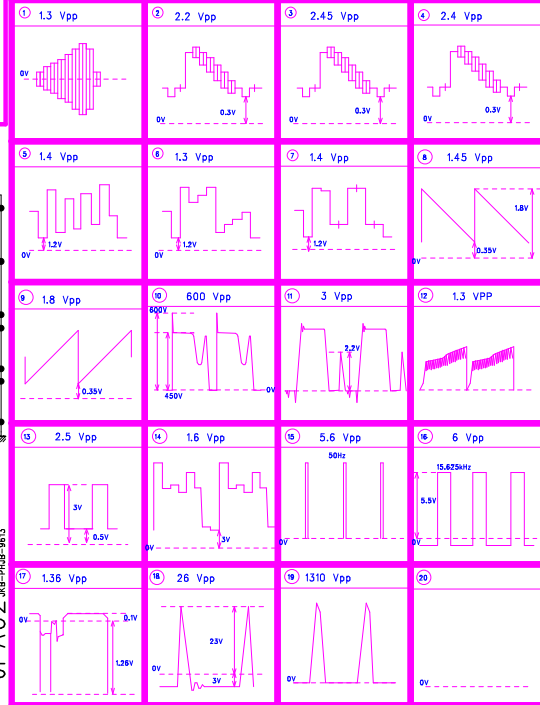
NOTE:
1. RESISTANCE IS SHOWN IN OHM. K=1000, M=1000000
2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES ARE EXPRESSED IN UF
3. VOLTAGES READ WITH "VTVM" FROM POINT INDICATED TO CHASSIS GROUND USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL LINE 230V AC VOLTAGE READINGS SHOWN ARE APPROXIMATE 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.

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)



| RESISTOR | | COIL | |
|-------------|--|---------|--|
| CARBON FILM | | PEAKING | |
| R-M-OXIDE | | CHOKE | |
| CARBON COMP | | BEAD | |
| FUSIBLE | | | |
| CEMENT | | | |

| CAPACITOR | | | MONITOR/TV OUT PARTS OPTION LIST | | |
|------------------|--|--|----------------------------------|-------------|-------------|
| ELECTRO | | | LOC | MONITOR OUT | TV OUT |
| CERAMIC | | | R580 | USE | N.C. |
| CERAMIC CH | | | R571 | USE | N.C. |
| ELECTRO NONPOLAR | | | J032 | USE | N.C. |
| MYLAR | | | J042 | USE | N.C. |
| | | | J051 | USE | N.C. |
| | | | J008 | USE | N.C. |
| | | | R592 | 1/6 68 ohm | 1/6 8.2 ohm |

| THE DIFFERENT PARTS LIST | | |
|--------------------------|--------|---------------------------|
| LOC. | LG CRT | SAMSUNG CRT |
| C313,C314 | | Mylar 0.056uf |
| V901 | | A68AKY13X04V A68OCU770X58 |
| C811 | | 4.0KV 3300PFAC250V |
| R841 | | 1/4W 15K OHM 1% |
| L401 | | TRL-350B |
| C408 | | 200V 0.39uf(M) |
| C405 | | 1.6KV 7500pF(M) |
| C406 | | 1.6KV 8200pF(M) |
| R411 | | 1/6W 220K OHM |
| R914 | | 2W 3.9 OHM |
| PFC CURCUI | | USE |
| C802 | | 0.47MF 1U(CVCSNDF/SV)+Q/O |
| LF801 | | DLF-3055L |

| | | | | | |
|------------------|--------|-----------|--------------------|--------|-------------|
| DRAWN: | DATED: | COMPANY: | DAEWOO ELECTRONICS | | |
| CHECKED: | DATED: | CHASSIS: | CODE: | SIZE: | DRAWING NO: |
| QUALITY CONTROL: | DATED: | RELEASED: | DATED: | SCALE: | SHEET: |