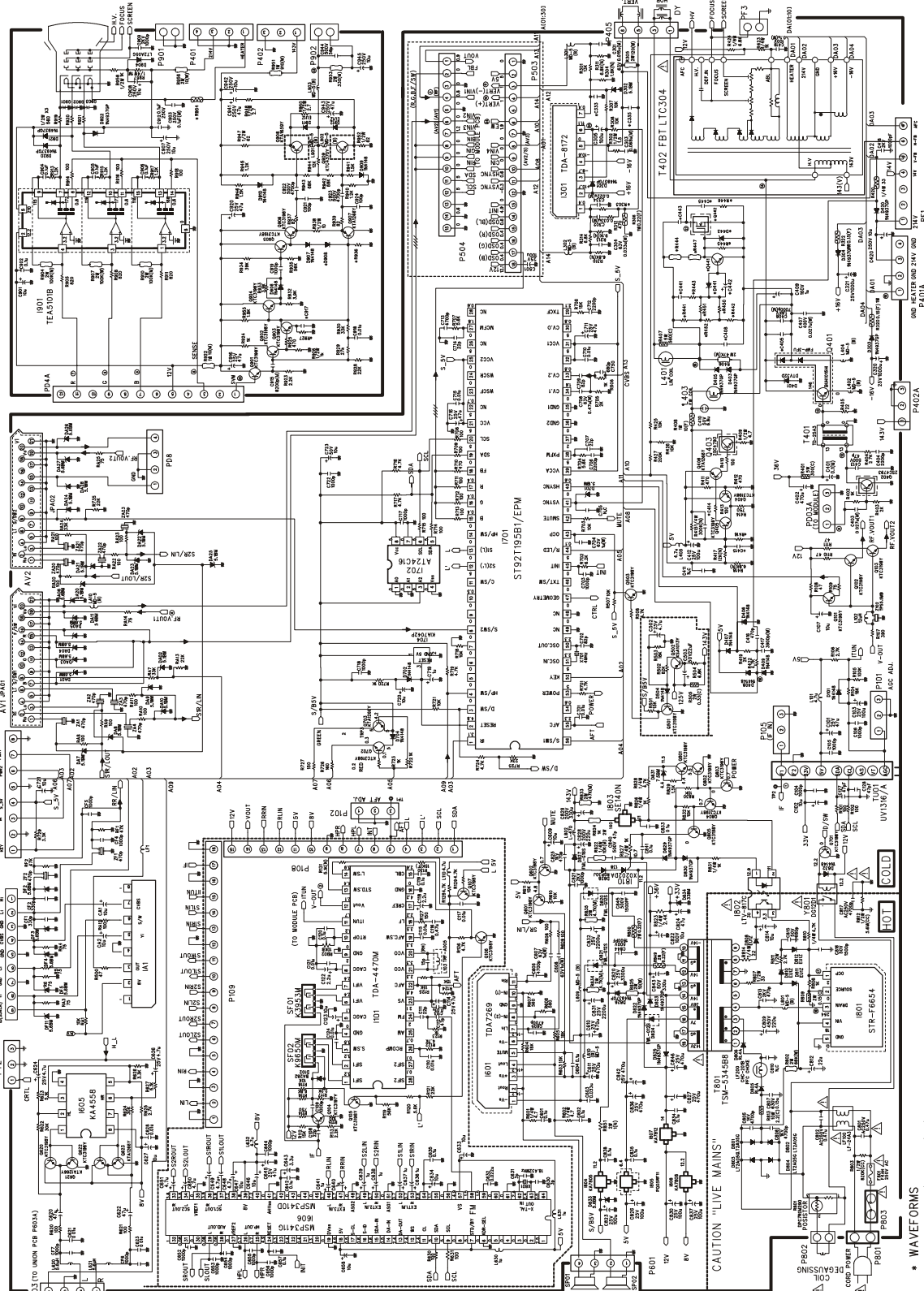


SCHEMATIC DIAGRAM

Schematic Diagram (2003/06/11)



NOTE:
 1. RESISTANCE IS SHOWN IN OHM, K-OHM, M-OHM OR Ω.
 2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES ARE EXPRESSED IN μF.
 3. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITORS ARE POLARIZED.
 4. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT NOTICE.
 5. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT NOTICE.

WARNING:
 BEFORE SERVICING THE CHASSIS, READ "X-RAY RADIATION", "SAFETY PRECAUTIONS",
 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.

RESISTOR

| | | | |
|------|------|----|----|
| 1/4W | 1/2W | 1W | 2W |
| 1/4W | 1/2W | 1W | 2W |
| 1/4W | 1/2W | 1W | 2W |
| 1/4W | 1/2W | 1W | 2W |
| 1/4W | 1/2W | 1W | 2W |

CAPACITOR

| | | | |
|------|------|------|-------|
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |

COIL

| | | | |
|------|------|------|-------|
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |
| 100V | 250V | 500V | 1000V |

THE DIFFERENT PARTS (*)

| LOC. | DWL-298R21F/ZFP | DWL-298R21S/ZS | DWL-298R21F/ZFP | DWL-298R21S/ZS | DWL-298R21F/ZFP | DWL-298R21S/ZS |
|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Q1 | 98E1010101 | 98E1010101 | 98E1010101 | 98E1010101 | 98E1010101 | 98E1010101 |
| C33 | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J |
| C35 | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J | 100V 0.022μF J |
| C45 | 180V BIP 4300PF | 180V BIP 4300PF | 180V BIP 4300PF | 180V BIP 4300PF | 180V BIP 4300PF | 180V BIP 4300PF |
| C48 | 400V PU 0.22μF | 400V PU 0.22μF | 400V PU 0.22μF | 400V PU 0.22μF | 400V PU 0.22μF | 400V PU 0.22μF |
| C49 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C51 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C54 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C55 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C56 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C57 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C58 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C59 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C60 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C61 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C62 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C63 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C64 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C65 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C66 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C67 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C68 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C69 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C70 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C71 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C72 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C73 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C74 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C75 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C76 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C77 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C78 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C79 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C80 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C81 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C82 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C83 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C84 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C85 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C86 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C87 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C88 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C89 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C90 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C91 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C92 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C93 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C94 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C95 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C96 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C97 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C98 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C99 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |
| C100 | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z | 50V 0.022μF Z |

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

S/N : 4859807393

