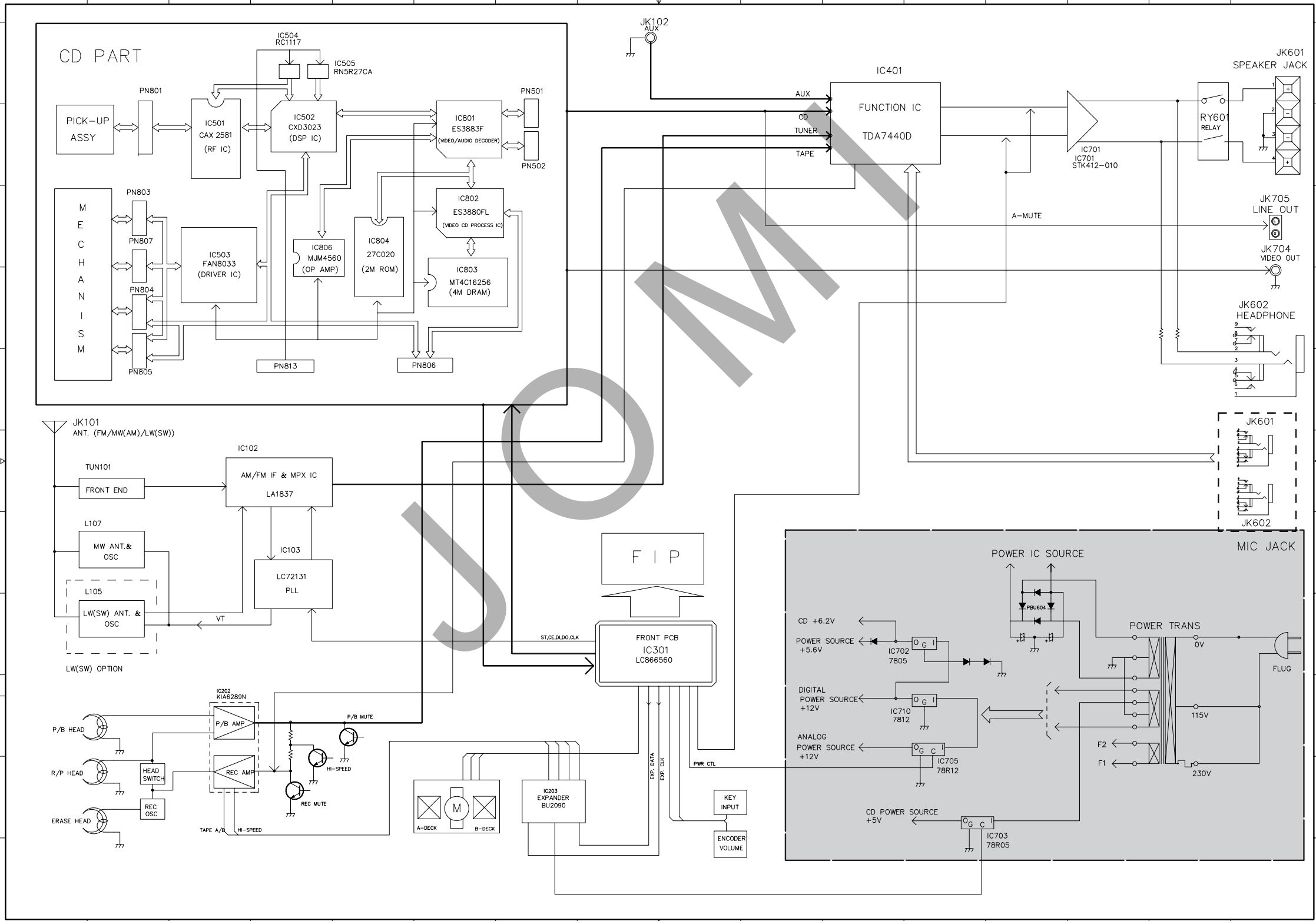


BLOCK DIAGRAM

NOTE: Warning
⚠ Parts that are shaded are critical With respect to risk of fire or electrical shock.

NOTE:
1. Shaded(■) parts are critical for safety. Replace only with specified part number.
2. Voltages are DC-measured with a digital voltmeter during Play mode.



SCHEMATIC DIAGRAMS

• AMP/POWER SCHEMATIC DIAGRAM

NOTE: Warning

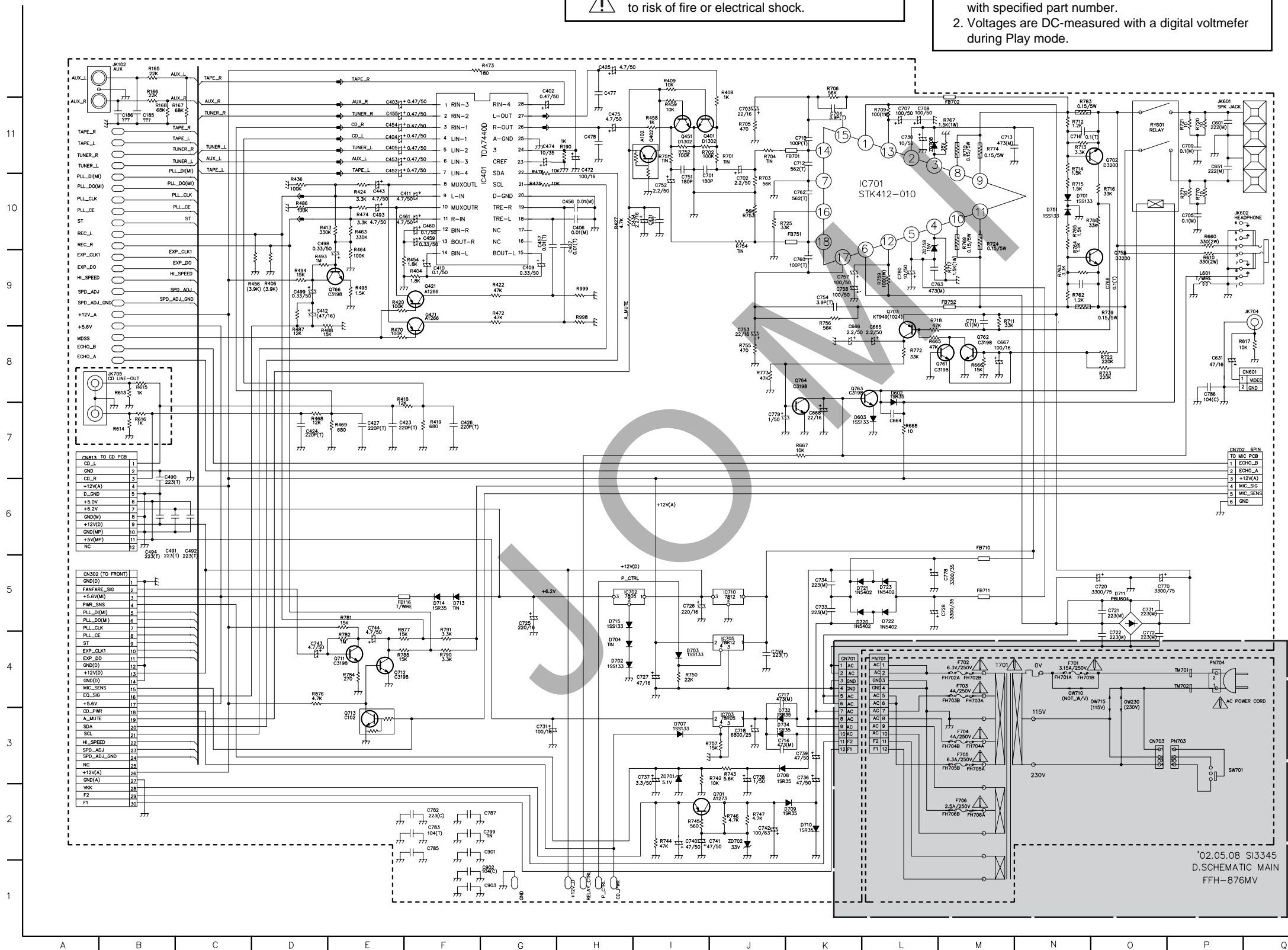
Parts that are shaded are critical With respect to risk of fire or electrical shock.

NOTE:

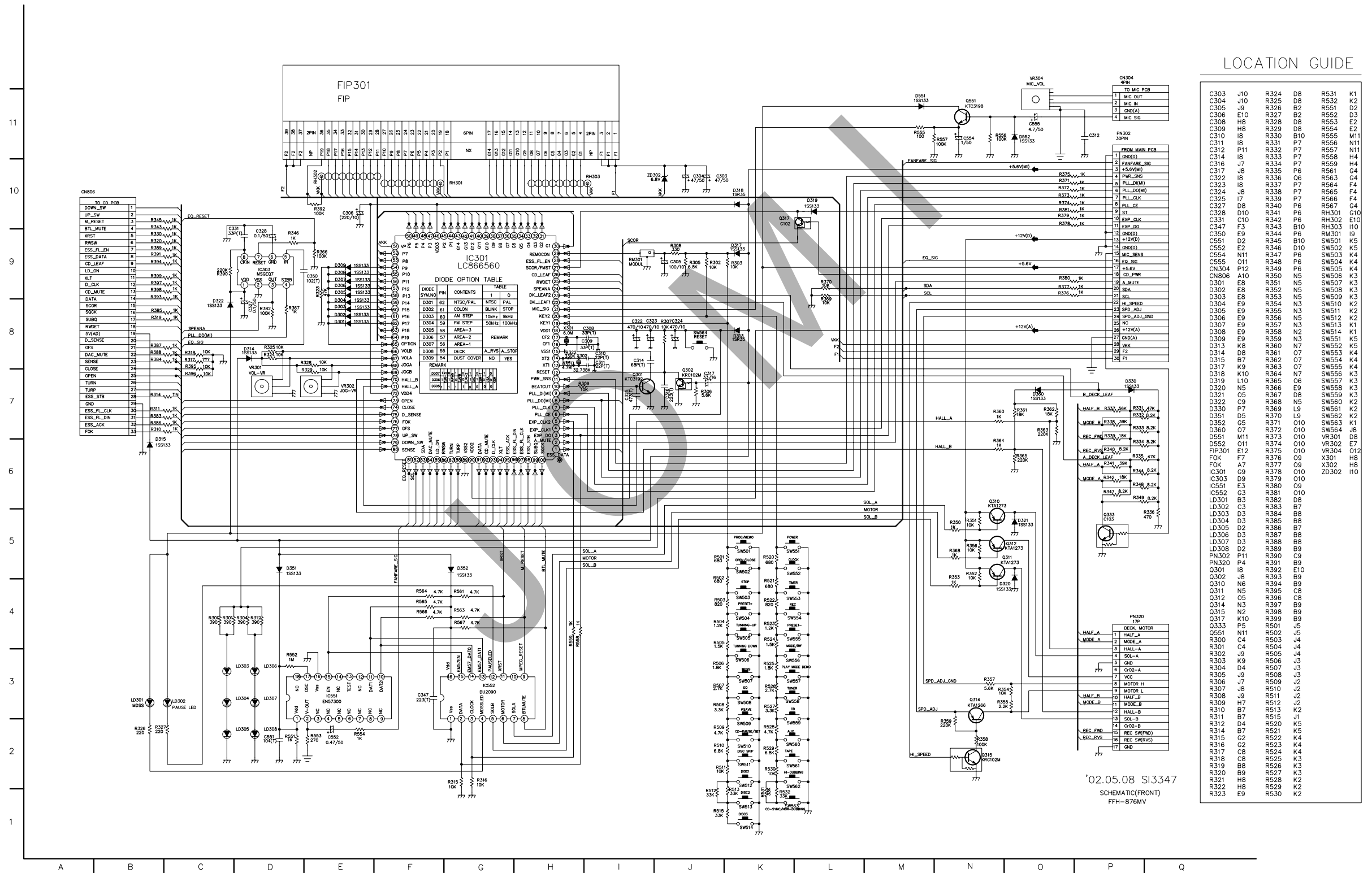
1. Shaded(■) parts are critical for safety. Replace only with specified part number.
2. Voltages are DC-measured with a digital voltmeter during Play mode.

LOCATION GUIDE

| | | | | | |
|------|-----|--------|-----|-------|-----|
| C185 | B11 | C902 | G1 | R470 | E8 |
| C186 | B11 | C903 | G1 | R472 | G9 |
| C402 | G12 | CD_PWR | H1 | R473 | G12 |
| C403 | E11 | CN302 | A5 | R474 | E10 |
| C404 | E11 | CN601 | A5 | R475 | G10 |
| C405 | E11 | CN701 | K4 | R476 | G11 |
| C406 | H10 | CN702 | E7 | R486 | D10 |
| C407 | H9 | CN703 | O3 | R487 | D8 |
| C409 | G9 | CN813 | A7 | R488 | D8 |
| C410 | F9 | D602 | L8 | R493 | D9 |
| C411 | E10 | D603 | K7 | R494 | D9 |
| C412 | D9 | D701 | N10 | R495 | E9 |
| C423 | E7 | D702 | H4 | R610 | P9 |
| C424 | D7 | D703 | I4 | R613 | B8 |
| C425 | H12 | D704 | H4 | R614 | B7 |
| C426 | F7 | D707 | J3 | R651 | B8 |
| C427 | E7 | D708 | J3 | R616 | B7 |
| C431 | I10 | D709 | J2 | R617 | P8 |
| C434 | I10 | D710 | K2 | R660 | P10 |
| C443 | E10 | D711 | O5 | R665 | L8 |
| C452 | E11 | D713 | F5 | R666 | M8 |
| C453 | E11 | D714 | F5 | R667 | K7 |
| C454 | E11 | D715 | H5 | R668 | L7 |
| C455 | E11 | D720 | K5 | R701 | J11 |
| C456 | H10 | D721 | K5 | R702 | I11 |
| C457 | G10 | D722 | L5 | R703 | J10 |
| C459 | F10 | D723 | L5 | R704 | J11 |
| C460 | F10 | D732 | J3 | R705 | J11 |
| C461 | E10 | D734 | J3 | R706 | K12 |
| C472 | H11 | D751 | N10 | R707 | I3 |
| C474 | G11 | FB116 | E5 | R709 | L11 |
| C475 | H11 | FB701 | K11 | R711 | M9 |
| C477 | H12 | FB702 | M11 | R712 | N11 |
| C478 | H11 | FB710 | M6 | R713 | N11 |
| C490 | B6 | FB711 | M5 | R714 | N11 |
| C492 | B6 | FB751 | K10 | R715 | N10 |
| C492 | O6 | FB752 | M9 | R716 | O10 |
| C493 | E10 | FB701A | N4 | R717 | M9 |
| C494 | B6 | FB701B | N4 | R718 | L9 |
| C498 | D9 | FB702A | M4 | R719 | M11 |
| C499 | D9 | FB702B | M4 | R720 | P11 |
| C601 | P11 | FB703A | M4 | R721 | P11 |
| C631 | P8 | FB703B | M4 | R722 | O8 |
| C651 | P11 | FB704A | M3 | R723 | O8 |
| C652 | L7 | FB704B | M3 | R724 | M10 |
| C665 | L8 | FB705A | M3 | R725 | J10 |
| C666 | K8 | FB705B | M3 | R739 | O9 |
| C667 | M8 | FB706A | M2 | R742 | J3 |
| C668 | K7 | FB706B | M2 | R743 | J3 |
| C701 | I10 | IC401 | G10 | R744 | I2 |
| C702 | J10 | IC701 | K10 | R745 | I2 |
| C703 | J11 | IC702 | H5 | R746 | J2 |
| C704 | K11 | IC703 | J3 | R747 | J2 |
| C705 | P10 | IC705 | J4 | R750 | I1 |
| C707 | I11 | JK102 | B12 | R751 | I11 |
| C708 | L11 | JK102 | B12 | R752 | I4 |
| C709 | P11 | JK601 | P11 | R753 | J10 |
| C710 | K11 | JK602 | P10 | R754 | J10 |
| C711 | M9 | JK704 | O9 | R755 | J8 |
| C712 | K11 | JK705 | B8 | R756 | K9 |
| C713 | M11 | L601 | P9 | R759 | L9 |
| C714 | J3 | MDSS | A8 | R762 | N9 |
| C716 | N11 | OW230 | O4 | R763 | N9 |
| C717 | J4 | OW710 | N4 | R764 | N9 |
| C718 | J3 | OW715 | O4 | R765 | N10 |
| C720 | O5 | PN701 | L4 | R766 | N10 |
| C721 | O5 | PN703 | P3 | R767 | M11 |
| C722 | O4 | BN204 | R4 | R769 | M10 |
| C725 | O5 | Q421 | F9 | R770 | P10 |
| C726 | I5 | Q421 | F9 | R771 | P10 |
| C727 | I4 | Q451 | I11 | R772 | L8 |
| C728 | M5 | Q471 | F9 | R773 | J8 |
| C730 | L11 | T701 | J2 | R774 | M11 |
| C731 | O3 | T702 | O11 | R781 | E5 |
| C733 | K5 | T703 | L9 | R782 | E4 |
| C734 | K5 | T711 | E4 | R783 | N11 |
| C736 | K3 | T712 | E4 | R784 | E4 |
| C737 | I3 | T713 | E3 | R788 | E4 |
| C738 | J3 | T752 | O9 | R790 | F4 |
| C739 | K3 | T761 | L8 | R791 | F5 |
| C740 | I2 | T762 | M8 | R796 | D4 |
| C741 | J2 | T763 | K8 | R877 | E4 |
| C742 | J2 | T764 | K8 | R998 | H9 |
| C743 | O4 | T766 | E9 | R999 | H9 |
| C744 | E5 | R165 | B12 | RY601 | O11 |
| C751 | I10 | R166 | B12 | SW701 | P3 |
| C752 | I10 | R167 | B11 | TM701 | P4 |
| C753 | J8 | R168 | B11 | TM702 | P4 |
| C754 | K9 | R190 | H11 | ZD701 | I3 |
| C757 | K9 | R404 | F9 | ZD702 | J2 |
| C758 | K9 | R406 | D9 | ZD708 | L11 |
| C759 | J4 | R408 | J12 | ZD758 | L9 |
| C760 | K9 | R409 | I12 | | |
| C762 | K10 | R413 | D10 | | |
| C763 | L9 | R418 | E8 | | |
| C766 | O9 | R419 | F7 | | |
| C770 | O5 | R420 | E9 | | |
| C771 | O5 | R422 | O9 | | |
| C772 | O4 | R424 | E10 | | |
| C778 | M5 | R427 | H10 | | |
| C779 | J7 | R436 | D10 | | |
| C780 | L9 | R454 | F9 | | |
| C782 | F2 | R456 | C9 | | |
| C783 | F2 | R458 | I11 | | |
| C785 | F2 | R459 | I11 | | |
| C786 | P8 | R463 | E10 | | |
| C787 | G2 | R464 | E9 | | |
| C789 | G2 | R468 | D7 | | |
| C901 | G2 | R469 | E7 | | |



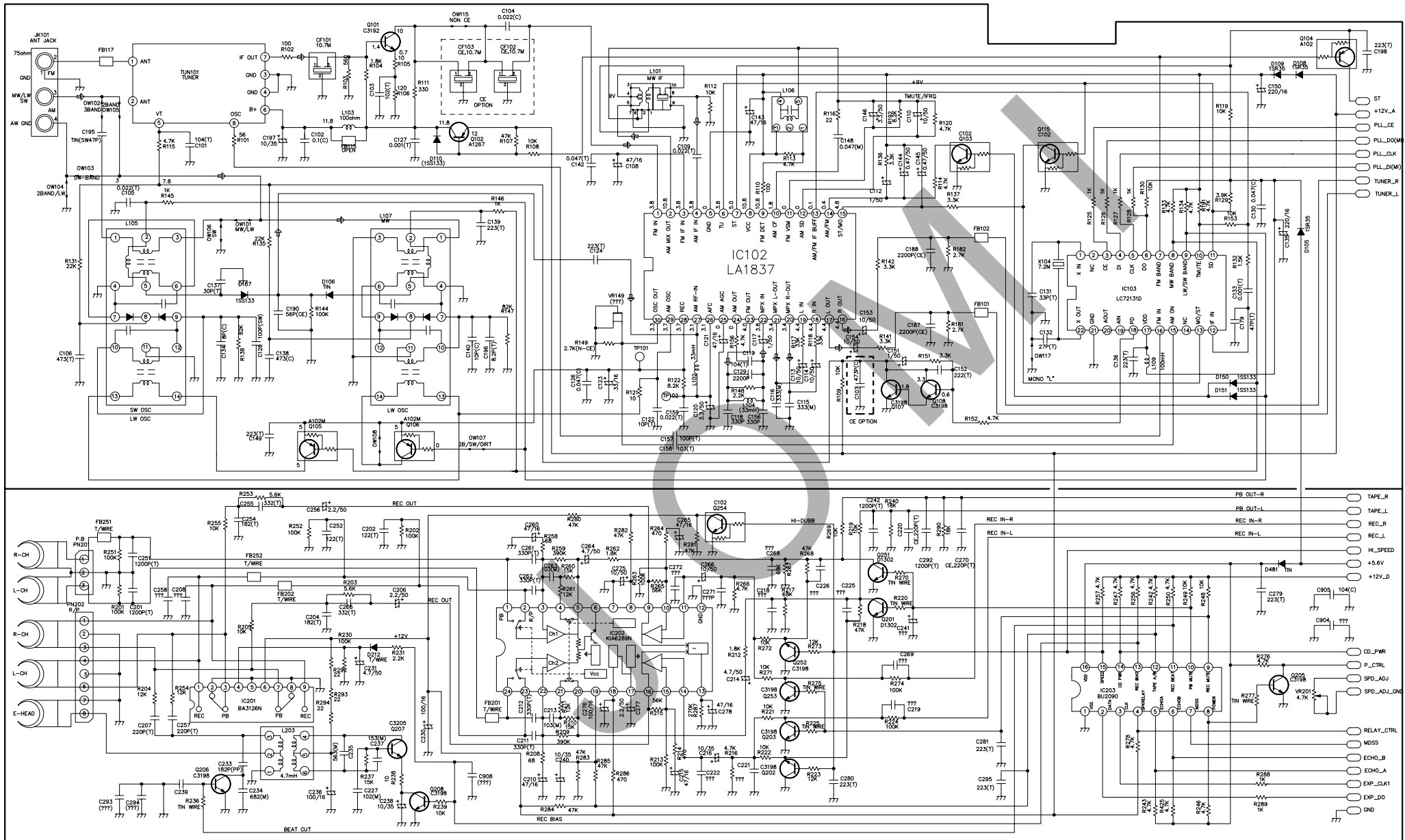
• FRONT SCHEMATIC DIAGRAM



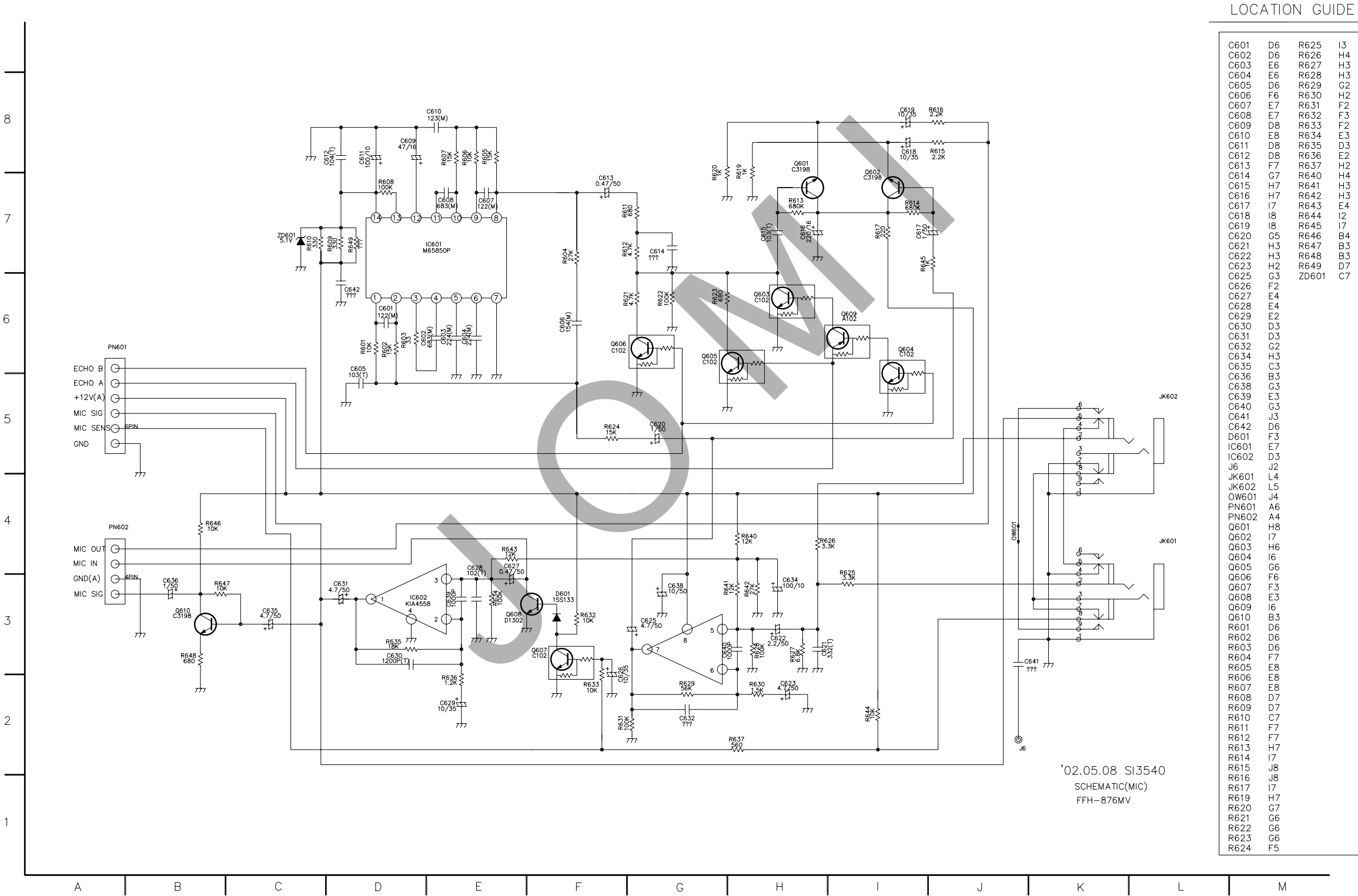
• TUNER/DECK SCHEMATIC DIAGRAM

LOCATION GUIDE

| | | | | | | |
|--------|-----|----------|-----|------------|-----|--------------|
| +12V_A | Q11 | C271 | I5 | R120 | L11 | SPD_AD.P4 |
| +12V_D | Q5 | C272 | I6 | R121 | H8 | SPD_AD.P4GND |
| +5.6V | Q6 | C275 | H6 | R122 | I8 | ST |
| C101 | C10 | C276 | H4 | R125 | M9 | TAPE_L |
| C102 | E10 | C277 | H4 | R126 | N9 | TAPE_R |
| C103 | E11 | C278 | I4 | R127 | N9 | TUN101 |
| C104 | G12 | C279 | O5 | R128 | N9 | TUN101 C11 |
| C105 | B10 | C280 | K3 | R129 | O10 | TUNER_LQ10 |
| C106 | B8 | C281 | L4 | R130 | N10 | TUNER_LQ10 |
| C107 | K7 | C292 | K6 | R131 | B9 | VR201 |
| C108 | H10 | C293 | B3 | R132 | O9 | X104 |
| C109 | I10 | C294 | B3 | R133 | N10 | |
| C110 | K11 | C295 | L3 | R134 | N10 | |
| C112 | K10 | C904 | P5 | R135 | D9 | |
| C113 | J8 | C905 | P5 | R136 | K10 | |
| C114 | J8 | C908 | F3 | R137 | L10 | |
| C115 | J7 | CD_PWR | P5 | R138 | D8 | |
| C116 | J7 | CF101 | E12 | R141 | K8 | |
| C117 | J8 | CF102 | G11 | R142 | K9 | |
| C118 | I7 | CF103 | F11 | R144 | E8 | |
| C119 | I8 | D105 | P9 | R145 | C10 | |
| C120 | I7 | D106 | E9 | R146 | G10 | |
| C121 | I8 | D107 | D9 | R147 | G8 | |
| C122 | I8 | D108 | P11 | R148 | I8 | |
| C123 | H8 | D109 | O11 | R149 | H9 | |
| C124 | H9 | D110 | F10 | R151 | K8 | |
| C126 | H8 | D150 | O8 | R152 | L7 | |
| C127 | E10 | D151 | O8 | R153 | O9 | |
| C128 | D8 | D212 | E5 | R156 | I8 | |
| C129 | I8 | D481 | O6 | R181 | L8 | |
| C130 | O10 | ECHO_A | P3 | R182 | L9 | |
| C131 | M9 | ECHO_B | P3 | R191 | O10 | |
| C132 | M8 | EXP_CLK | P3 | R192 | K11 | |
| C133 | O9 | EXP_DO | P3 | R201 | B5 | |
| C134 | D8 | FB101 | L9 | R202 | F6 | |
| C135 | P9 | FB102 | L9 | R203 | E5 | |
| C136 | N8 | FB115 | E10 | R204 | C4 | |
| C137 | O9 | FB117 | B11 | R205 | D5 | |
| C138 | D8 | FB201 | F4 | R208 | G3 | |
| C139 | G9 | FB202 | D5 | R209 | G4 | |
| C140 | F8 | FB251 | B6 | R210 | G4 | |
| C142 | G10 | FB252 | D6 | R211 | G4 | |
| C143 | J11 | GND | | R212 | I5 | |
| C144 | K10 | HI_SPEED | D6 | R213 | H3 | |
| C145 | K10 | IC102 | I9 | R214 | I3 | |
| C146 | K11 | IC103 | N9 | R215 | H4 | |
| C148 | K10 | IC201 | D4 | R216 | I3 | |
| C149 | H5 | IC202 | H5 | R217 | J5 | |
| C150 | O11 | IC203 | M4 | R218 | K5 | |
| C151 | K8 | JK101 | A12 | R219 | K6 | |
| C152 | L8 | L101 | H11 | R220 | K5 | |
| C153 | K8 | L102 | I8 | R221 | J4 | |
| C154 | K8 | L103 | E11 | R222 | J3 | |
| C156 | I7 | L104 | I7 | R223 | J3 | |
| C157 | H7 | L105 | B9 | R224 | K4 | |
| C158 | H7 | L106 | J11 | R225 | J4 | |
| C159 | I7 | L107 | E10 | R230 | E5 | |
| C179 | O8 | L109 | N8 | R231 | E5 | |
| C187 | K8 | L203 | D4 | R236 | C3 | |
| C188 | K9 | MDSS | P4 | R237 | E3 | |
| C190 | D8 | OW101 | D9 | R238 | E3 | |
| C195 | B10 | OW102 | B11 | R240 | K6 | |
| C196 | G8 | OW103 | B10 | R240 | K6 | |
| C197 | D10 | OW104 | B10 | R242 | N5 | |
| C198 | O11 | OW105 | B11 | R243 | N3 | |
| C201 | B5 | OW106 | C9 | R246 | O3 | |
| C202 | D6 | OW107 | F7 | R247 | N5 | |
| C204 | D5 | OW108 | E7 | R248 | O5 | |
| C205 | E5 | OW115 | F12 | R249 | N5 | |
| C206 | E5 | OW117 | M8 | R250 | N5 | |
| C207 | C4 | PLL_L | Q11 | R251 | B6 | |
| C208 | C5 | PLL_CLK | O10 | R252 | D6 | |
| C210 | G3 | PLL_D(M) | D6 | R253 | D6 | |
| C211 | G4 | PLL_D(M) | D6 | R254 | C4 | |
| C212 | G4 | PN202 | B6 | R255 | O6 | |
| C213 | G4 | PN202 | B5 | R256 | N5 | |
| C214 | P4 | P_CTRL | P4 | R257 | M5 | |
| C215 | I3 | Q101 | E12 | R258 | G6 | |
| C216 | I3 | Q102 | F10 | R259 | G6 | |
| C218 | J5 | Q103 | L10 | R260 | G6 | |
| C219 | K4 | Q104 | P12 | R261 | G5 | |
| C220 | K6 | Q105 | E7 | R262 | H6 | |
| C221 | I3 | Q106 | F7 | R263 | H5 | |
| C222 | I3 | Q107 | K7 | R264 | H6 | |
| C225 | K5 | Q108 | L7 | R265 | H5 | |
| C226 | J5 | Q115 | M11 | R266 | I5 | |
| C227 | E3 | Q201 | K5 | R267 | J5 | |
| C230 | F4 | Q202 | J3 | R268 | J6 | |
| C231 | E4 | Q203 | J4 | R269 | J6 | |
| C233 | G3 | Q205 | P4 | R270 | K5 | |
| C234 | D3 | Q206 | C3 | R271 | J4 | |
| C235 | E3 | Q207 | E4 | R272 | J5 | |
| C236 | E3 | Q208 | F3 | R273 | J5 | |
| C237 | E4 | Q251 | K6 | R274 | K4 | |
| C238 | E3 | Q252 | J4 | R275 | J4 | |
| C239 | C3 | Q253 | J4 | R276 | O5 | |
| C240 | G3 | Q254 | I6 | R277 | O4 | |
| C241 | K5 | R101 | D10 | R278 | N4 | |
| C242 | K6 | R102 | D11 | R280 | G6 | |
| C251 | C6 | R103 | E11 | R281 | I6 | |
| C252 | E6 | R104 | E11 | R282 | H6 | |
| C254 | D6 | R105 | F11 | R283 | H3 | |
| C255 | D6 | R106 | F11 | R284 | G3 | |
| C256 | D6 | R107 | G10 | R285 | H3 | |
| C257 | G4 | R108 | G10 | R286 | H3 | |
| C258 | C5 | R109 | K7 | R287 | I4 | |
| C260 | G6 | R110 | J10 | R288 | O3 | |
| C261 | G6 | R111 | F11 | R289 | O3 | |
| C262 | G5 | R112 | I11 | R290 | L6 | |
| C263 | G6 | R113 | J10 | R292 | E4 | |
| C264 | H6 | R114 | L10 | R293 | E4 | |
| C265 | I6 | R115 | C10 | R294 | E4 | |
| C266 | I6 | R116 | J11 | R425 | N3 | |
| C268 | J6 | R117 | J8 | REC_L | O6 | |
| C269 | J8 | R118 | J8 | REC_R | O5 | |
| C270 | L6 | R119 | O11 | RELAY_CTRL | | |



• MIC SCHEMATIC DIAGRAM



• WIRING BLOCK DIAGRAM

