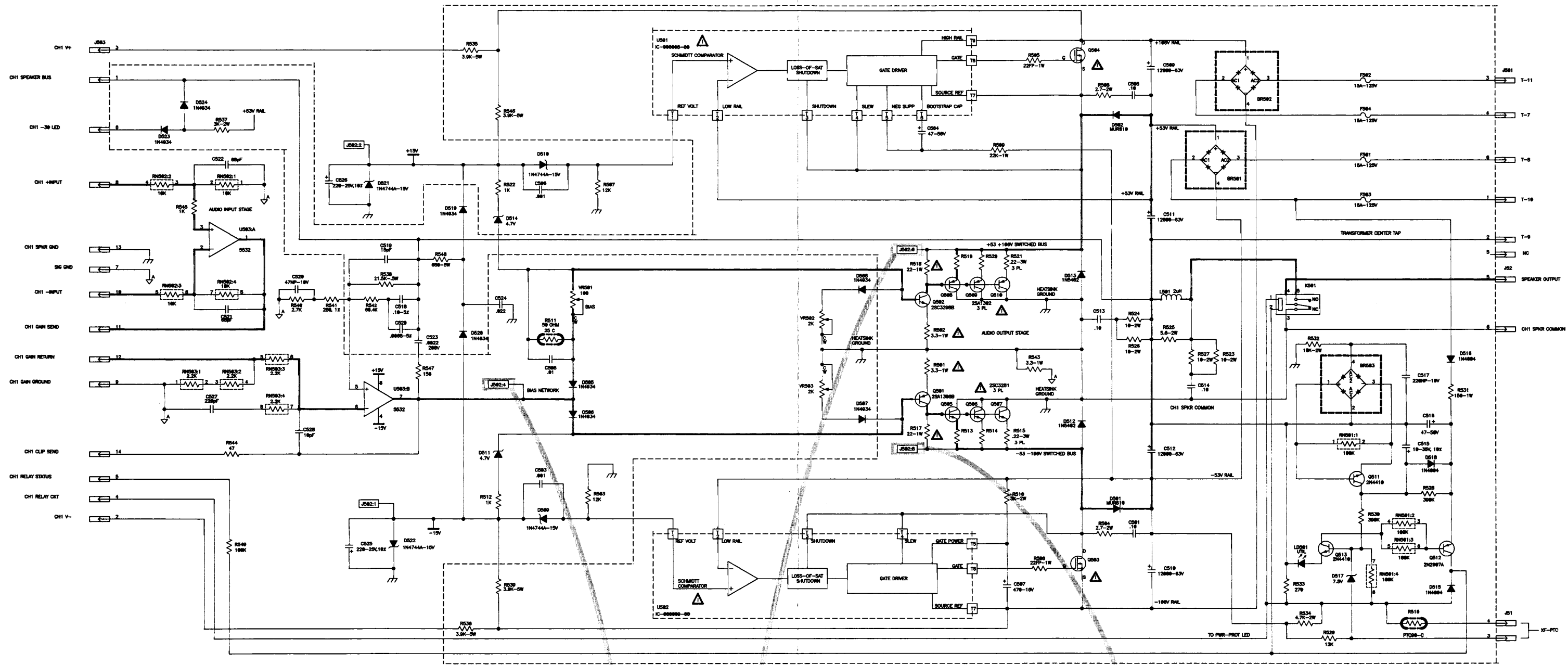




# MPX Amplifier Series

## SCHEMATIC DIAGRAM, MPX 600 MAIN AMPLIFIER PCB



- 10. DIODES D525, 625 ARE USED ON MPX 300 MAIN AMP PCB ASSY., P/N WP-000113-00, AND APPEAR ON PC-001510-00.
- 9. PARTS ENCLOSED WITHIN DOTTED OUTLINE HAVE VOLTAGES GREATER THAN 42V.
- 8. PARTS MARKED WITH TRIANGLE MUST BE REPLACED WITH EXACT TYPE ONLY.
- 7. BRIDGE RECTIFIER BR 503, 603, 1.5A, 100V.
- 6. ZENERS D517, 617, MARKED 7.5V, LOW LEAKAGE, P/N QD-0007.5-ZT
- 5. Q 503, 504 603, 604 ARE SWITCHING FETS, P/N QD-000031-QD, 125W, 60V MINIMUM, ON-RESISTANCE 0.030 OHMS MAX.
- 4. R516, 616 IS POSITIVE TEMPERATURE COEFFICIENT RESISTOR, MTD TO HEAT SINK. RESISTANCE 100 OHM COLD, RISING AT 85 C. P/N RE-000000-PT
- 3. ALL CAPACITORS 100V UNLESS OTHERWISE NOTED. TOLERANCE 20% FOR ELECTROLYTIC TYPES, 10% ON OTHER TYPES.
- 2. ALL RESISTORS 1/4-WATT, 5% UNLESS NOTED.
- 1. CH2 IS IDENTICAL TO CH1, EXCEPT PART NUMBER SEQUENCE R 601, 602 ETC. NOTES UNLESS OTHERWISE SPECIFIED

