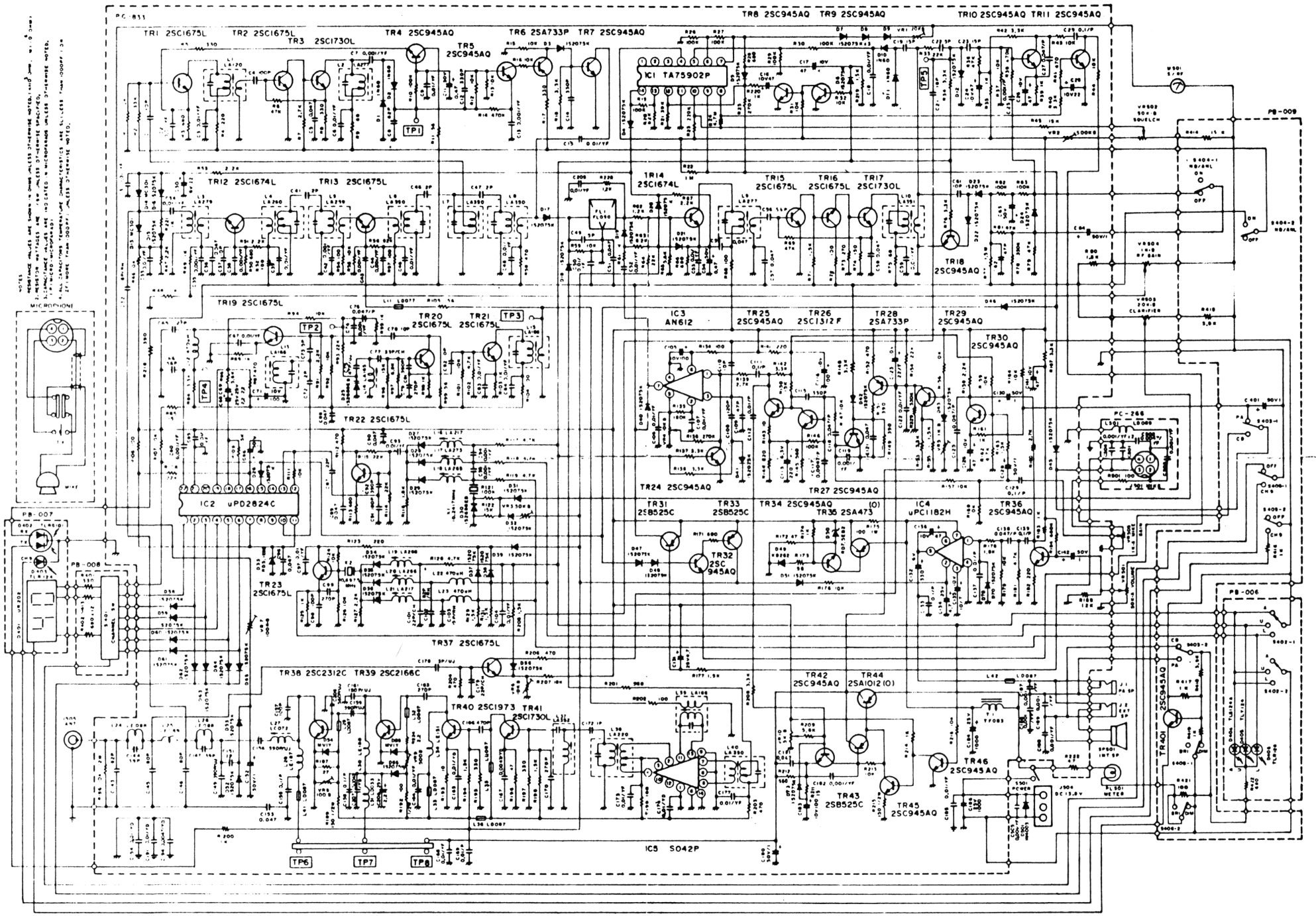PC244 SCHEMATIC