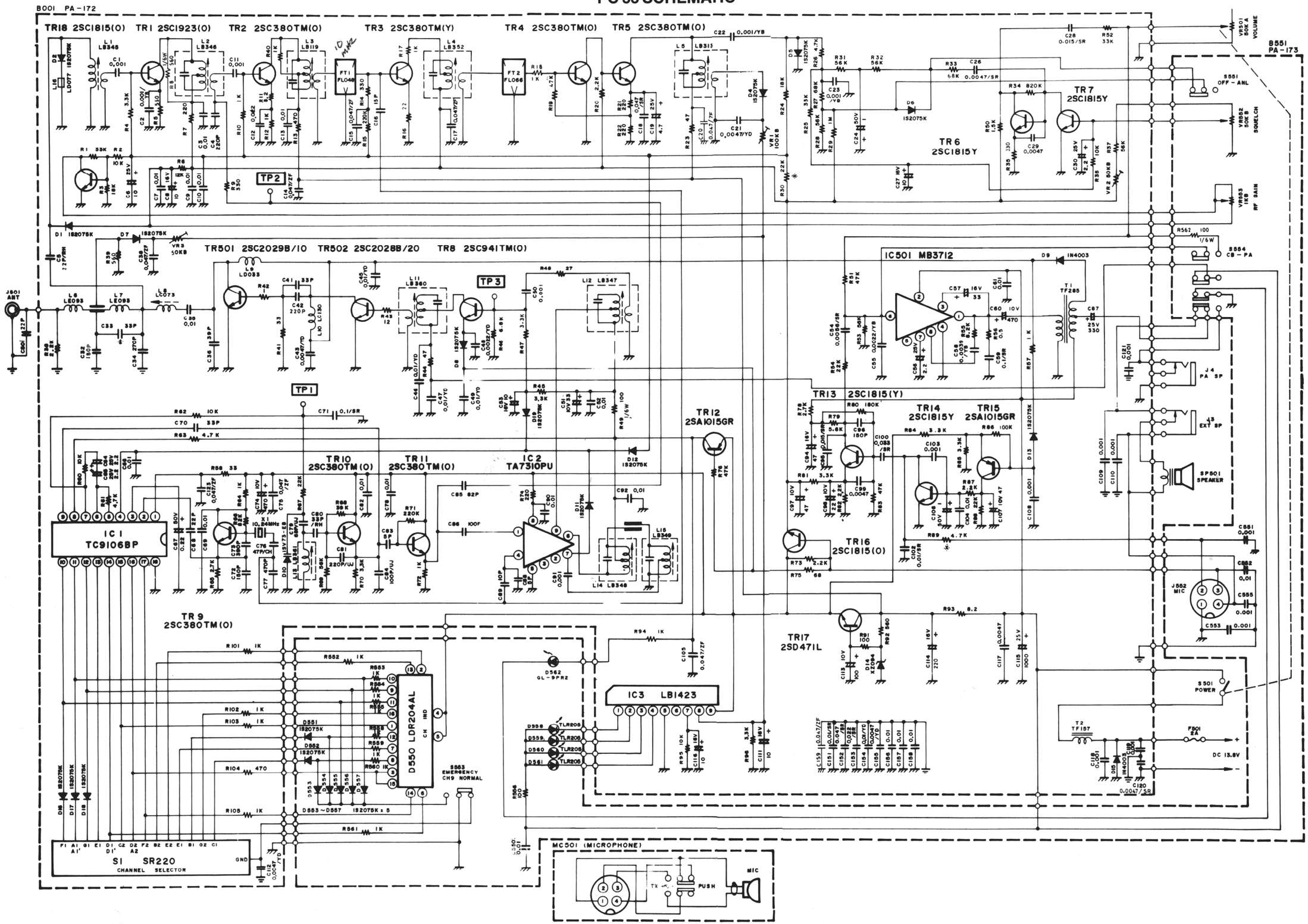PC 55 SCHEMATIC