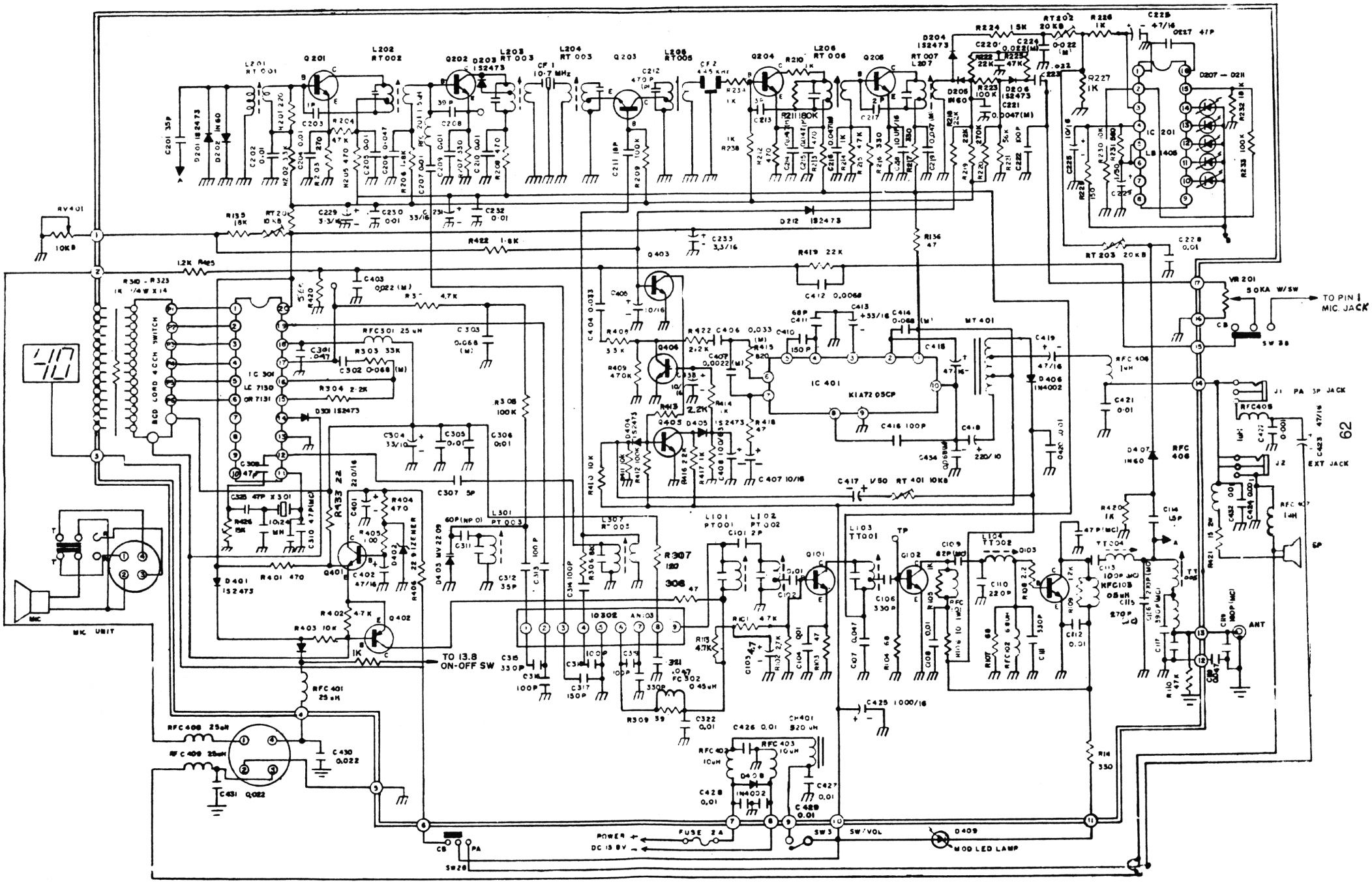K40; PRODUCTION MODEL #1 SCHEMATIC