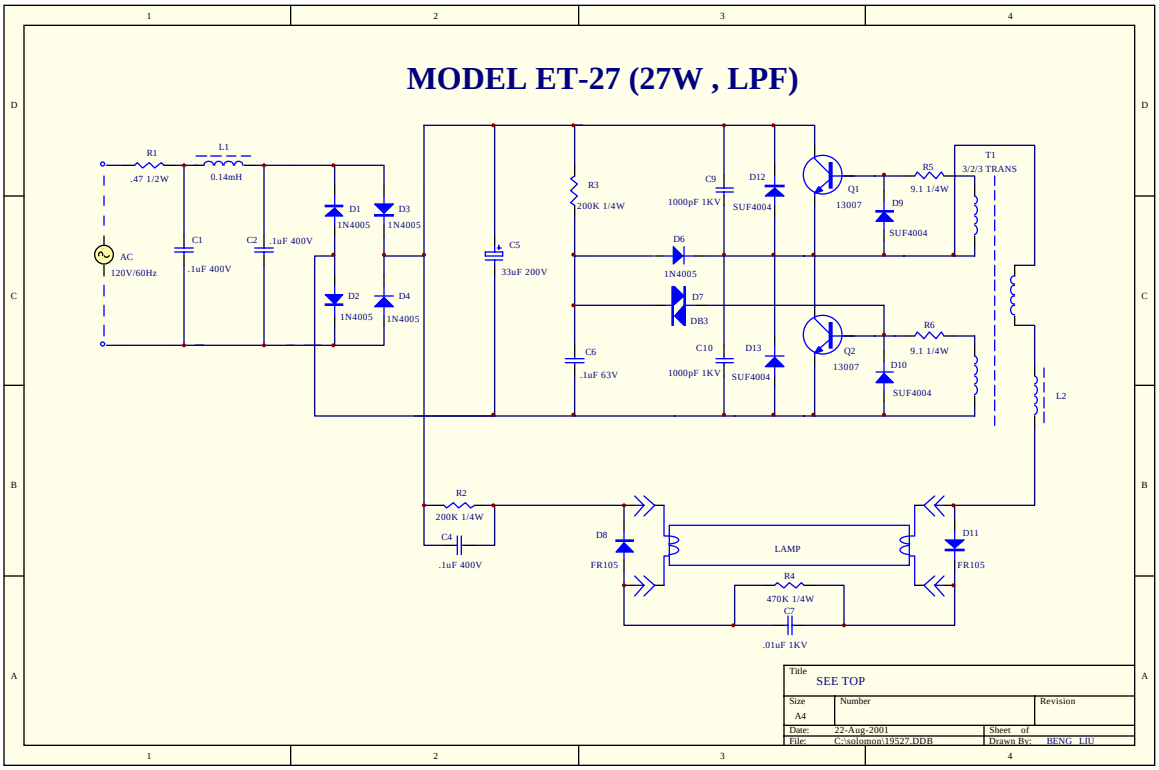SCHEMATIC ET-27w