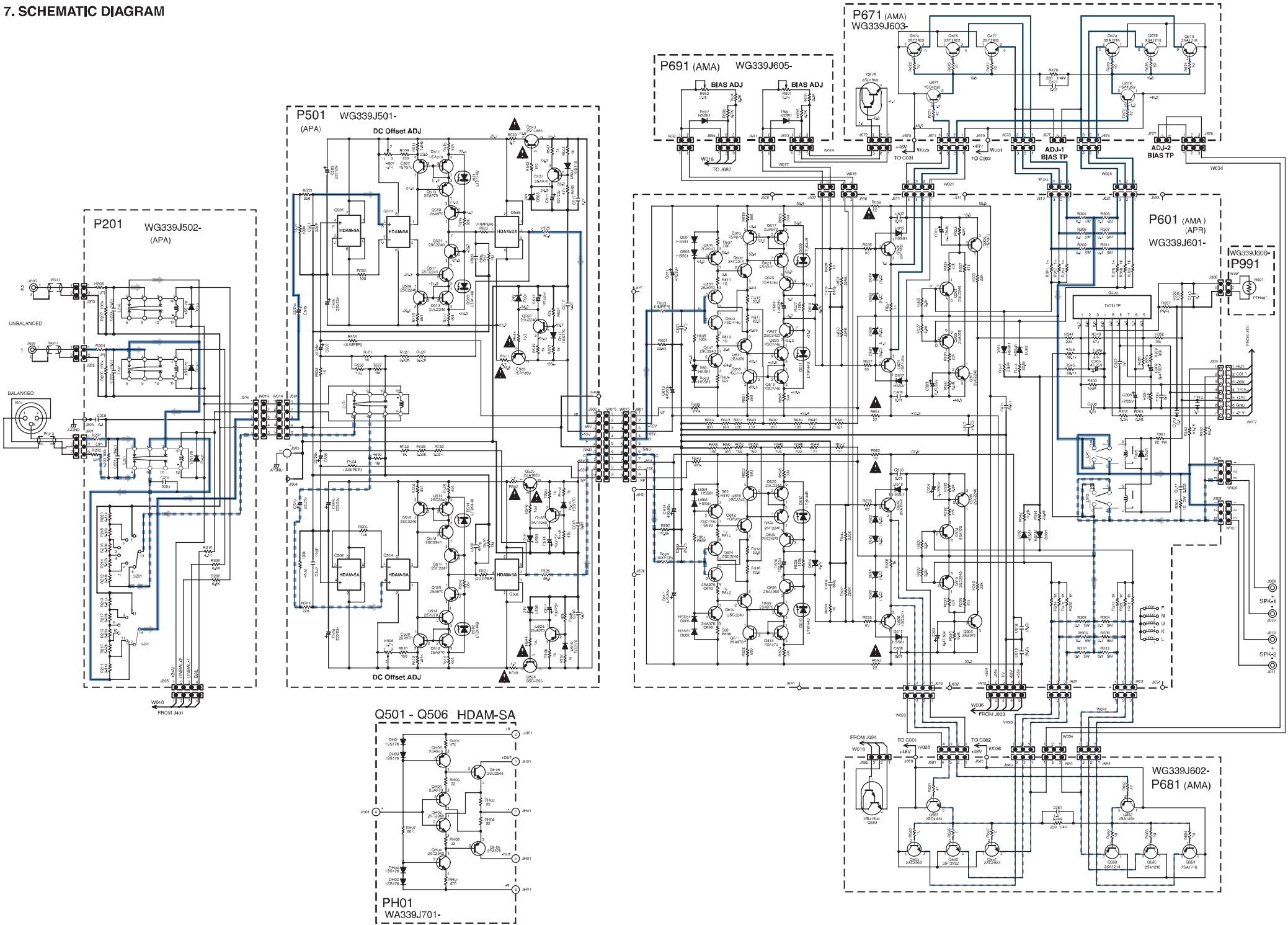7. SCHEMATIC DIAGRAM