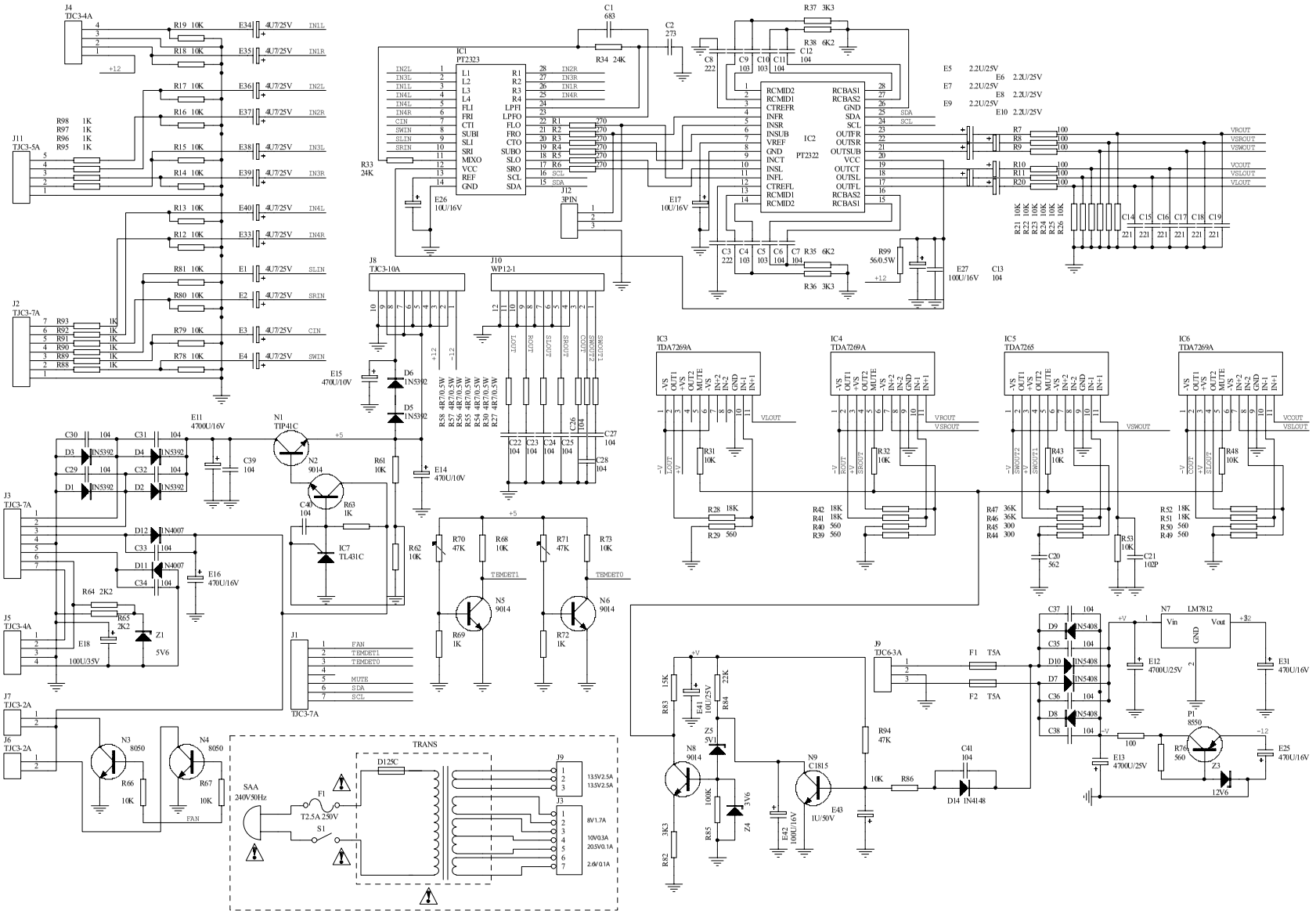AMP SCHEMATIC CIRCUIT