

The schematic diagram illustrates a power supply system with the following components and connections:

- Power Input:** A transformer (L904) with a 30g core is connected to a bridge rectifier (BD901). The output is filtered by a capacitor (C901) and a resistor (R901).
- Feedback Loop:** A TL431 (IC953) is used for feedback, connected to a TL431 (IC953) and a TL431 (IC953).
- Main Power Stage:** A MOSFET (Q901) is driven by a gate driver (IC931). The output is filtered by a large electrolytic capacitor (C901) and a smaller capacitor (C902).
- Standby Section:** A transformer (L901) with an 82g core is connected to a bridge rectifier (BD901). The output is filtered by a capacitor (C901) and a resistor (R901).
- Other Components:** Various resistors (R901-R999), capacitors (C901-C999), and diodes (D901-D999) are used throughout the circuit.

Component List:

Part Number	Value / Description
BD901	A1
CN901	E1
CN902	G7
CN903	G9
C901	E1
C902	C2
C903	C1
C904	C1
C906	F1
C907	A5
C908	F1
C909	C1
C931	D6
C932	E3
C933	F3
C934	F3
C935	F4
C936	E5
C937	F5
C940	F4
C941	F6
C942	F3
C943	E8
C946	F8
C947	F8
C948	H3
C954	E6
C955	F6
C980	B7
C981	C7
C985	B9
C986	B9
C989	C9
C990	F5
C991	D6
C992	F7
C993	D9
C994	H6
D935	B8
D951	E5
D952	E5
D953	F5
D954	F5
D955	E8
D956	F7
D957	C7
D980	B7
D981	B7
D982	E8
D983	F7
D984	F7
D985	F8
D986	F8
D987	F8
D988	F8
D989	F8
D990	F8
D991	F8
D992	F8
D993	F8
D994	F8
D995	F8
D996	F8
D997	F8
D998	F8
D999	F8