

5. Circuit diagram

5.1. Transmitter

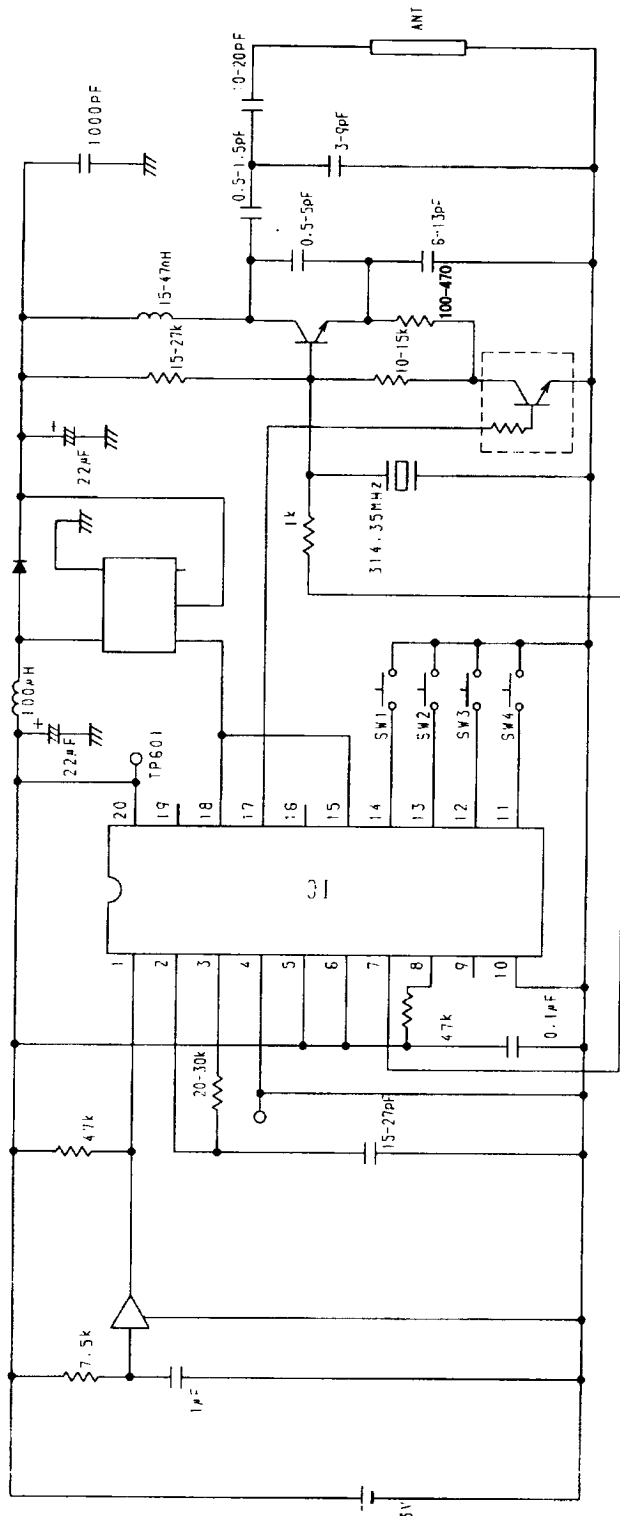


Fig. Circuit diagram of Transmitter

4. Block diagram

4.1. Transmitter

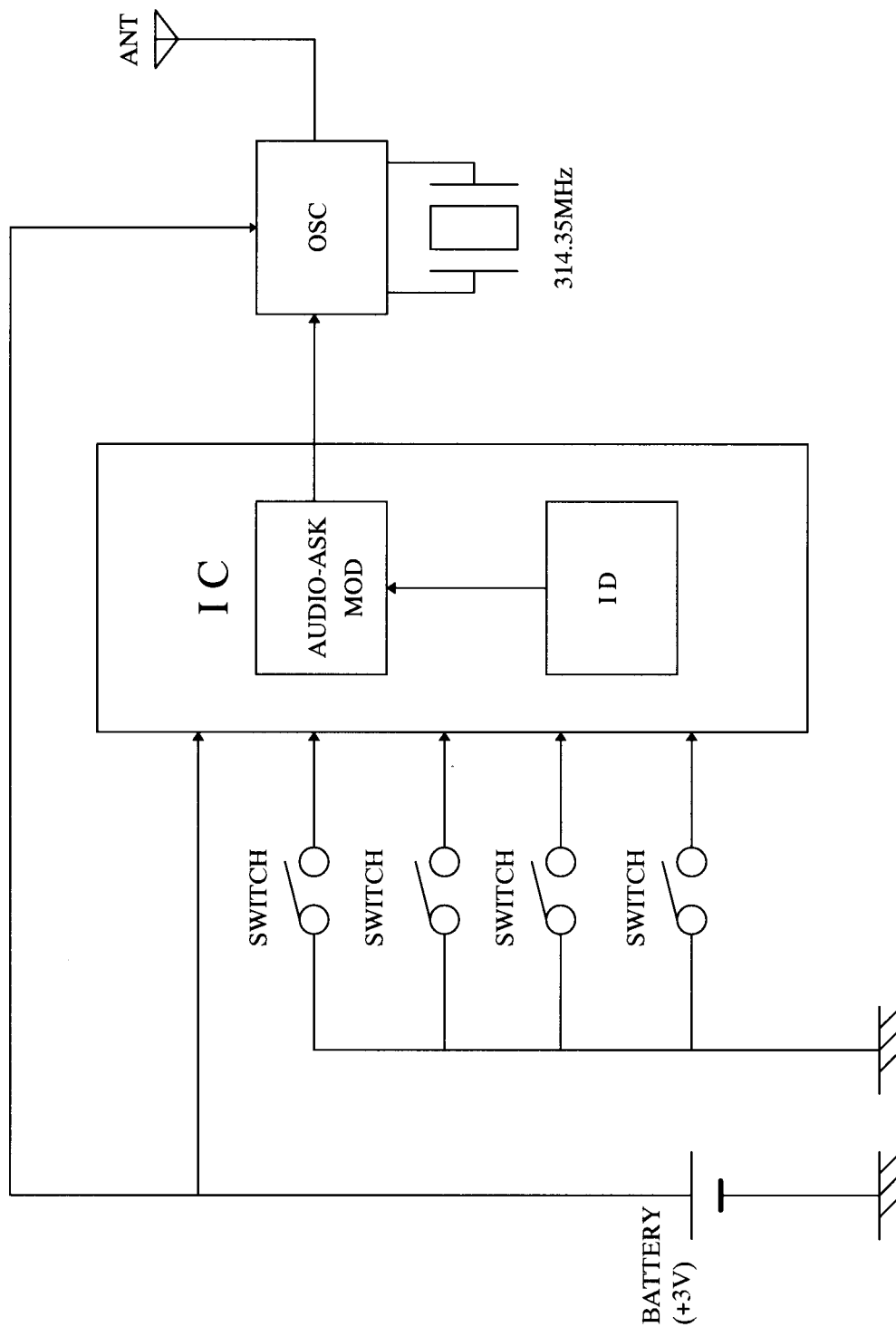


Fig. Block diagram of Transmitter

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6. Component listing

6.1. Transmitter

Part Name	Description	Number of Units
IC	-	1
IC	-	1
IC	-	1
Diode	-	1
Resonator	314.35 MHz	1
Transistor	-	1
Transistor	-	1
Inductor	15 - 47nH	1
Inductor	100μH	1
Capacitor	0.5 - 1.5pF	1
Capacitor	0.5 - 5pF	1
Capacitor	3 - 9pF	1
Capacitor	6 - 13pF	1
Capacitor	10 - 20pF	1
Capacitor	15 - 27pF	1
Capacitor	1000pF	1
Capacitor	0.1μF	1
Capacitor	22μF	2
Capacitor	1μF	1
Resistor	100 - 470Ω	1
Resistor	1kΩ	1
Resistor	10 - 15kΩ	1
Resistor	15 - 27kΩ	1
Resistor	7.5kΩ	1
Resistor	20 - 30kΩ	1
Resistor	47kΩ	2
Switch	-	4
Battery	3V	1