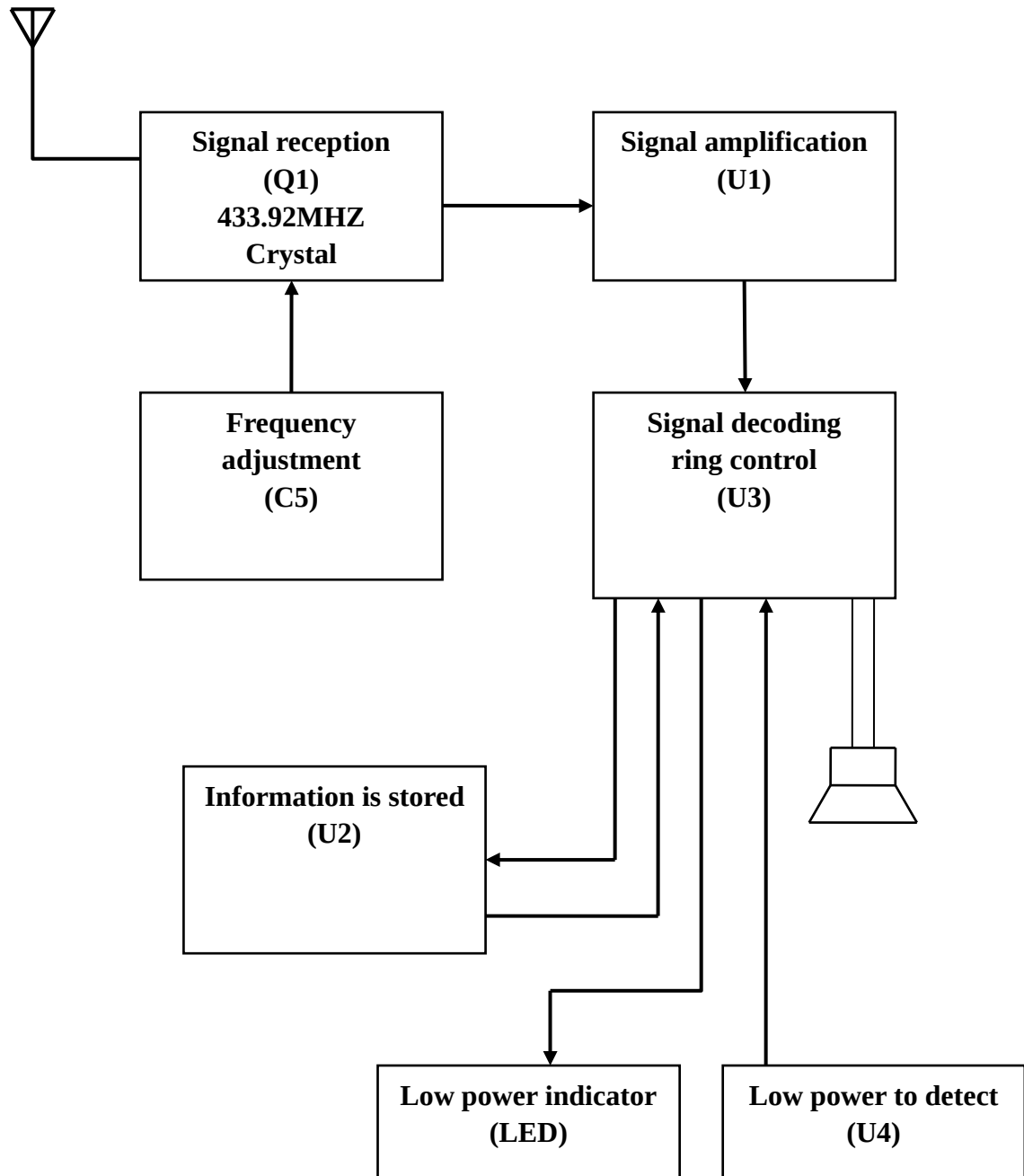


Receiver



Circuit schematic description

Super-regenerative receiver circuit consisted of Q1,C5,L2, and other components, receives high-frequency carrier signal launched by the receiver, and demodulates the low-frequency coded modulation signal, which is zoomed in by U2,After reconstructed, the signal is outputted to the MCU-the U3 to be decoded. Once decoding is effective,the ringtone is outputted to the speaker.

When the battery voltage is below 2.2V, the U4 outputs a signal to the MCU-the U3 to be judged, ringtone outputted to the speaker to warn lack of electricity.