2.4G Remote Operation Description

The power of the remote unit is provided by 2 1.5V DC batteries.
The oscillation and emission circuit is controlled by the output of the transmitter chipset EM198810. While the RFout pin of EM198810 is high the oscillation and emission circuit will be turned on and send out the radio frequency signal. While the RFout pin of EM198810 is low the oscillation and emission circuit will be turned off and send out nothing. This procedure generates a GFSK modulated radio frequency signal. In the condition without key pressed ,the transmitter MCU SE29AS stays in the sleeping mode and its output is low and the oscillation and emission circuit to be turned off and without radio frequency signal output. When any key is pressed, the transmitter MCU SE29AS will read the EEPROM for configuration progressing,
Then the transmitter chip EM198810 send out a coded signal and this signal to modulate a 2.4GHz oscillation circuit base on a 12MHz Crystal to generate a GFSK modulation radio frequency signal.
This modulation signal is directly sent out by transmitter chip EM198810 through a antenna matching network.