

S3C2440 is the CPU of system which have two 32M SDRAM and a nand flash. Working frequency of system is supplied by a 16.9344MHz crystal. BIT1611 is the LCD driver module which play video with LCD. Digital signal produced by cpu will be transformed to analog signal, these signal will drive speaker suounding after process by TS5A23157 and amplier IC LM4853.

Users operate product through touch pad which was controlled by CPU directly.

One of the cluster communication ports of the CPU was occupy by Bluetooth module BC352. This fuction will supply a Bluetooth earphone serving. Signal will be processed by Bluetooth module, and transmitted by antnna at frequency of 2.4~2.4835 GHz.. Bluetooth system use a 16MHz crystal.

BH1418 is the FM transmitter module with a 7.6M basic frequency, the original signal will be modulate and transmit as FM signal which can be receiver by FM receiver.