Remote control block diagram

5.5x

16.9344Mhz	

Main Clock OSC

RTC Clock ← 32.768Khz

Internal mSDRAM 512Mb x 32bit (CS6)

TFT LCD Interface
- TFT LCD Controller — 3.3V
- SPI1
- TIMER

TFT LCD Module 320 x RGB x 240 / 4-Wire Touch panel / 6 LED Backlight

Memory Controller

NAND Controller

Internal NAND Flash 1Gb x 8bit (NFCE)

ARM Core 400Mhz

Touch panel controller

PWM Controller — 17.8V~

SC32442B43

SPI Interface
- SPI0
- GPIO

Zigbee Module 2.4Ghz 3.3V ←

Motion Sensor 3.3V ← (SPI Interface)

AUDIO Interface
- I2S Interface Controller — I2S Interface
- GPIO — I2C Interface

Audio Codec Controller 1.8V, 3.3V, Battery Voltage

MONO Speaker or Stereo Speaker

UART Interface
- UART 1
- UART 0

Spare 0 ←

Debugging monitor ←

IR DATA I/O Interface
- TIMER
- TIMER

IR DATA OUT Battery Voltage

IR DATA IN 3.3V

JTAG Controller

JTAG Connector 3.3V ←

GPIO — LED Backlight 3.3V

USB Host/Device Controller

USB1.1 Device socket 5.0V ←

GPIO / EINT — Key matrix 5x5 3.3V

GPIO — PMIC

Input Voltage : Battery Voltage
Output Voltage :
- 3.3V
- 1.8V
- 1.5V
- 1.2V

※ Battery Voltage : 3.0V~4.2V

GPIO — (I2C Interface) — Timer

ADC Interface
- AIN3
- AIN2
- AIN1
- AIN0

Spare 1 →

Spare 2 →

Spare 3 →

Spare 4 →

I2C Interface Controller — Battery Gauge

INT. — (I2C Interface) — **Battery Charger Power Selector** ← **DC Adaptor Docking**

Input Voltage : DC 5V~5.2V

Battery Li-Polymer 3.7/1800mA