

The handset consists of BML, LCD, RF-Module, Keypad, Regulator, Charger, EEPROM X-tal, Earpiece, Ringer, Microphone and soon.

3-2-2 . Burst Mode Logic(BML)

The BML control all function of the handset, we used the DE56200AA4CLC of DSPG for the BML.

The DE56200AA4CLC is controller for DECT only.

This device include all control circuits of the handset for RF module, LCD controller, keypad interface, earpiece, Microphone, ADPCM CODEC, switching and series regulator and soon. Also, the embedded processor to be compatible with Intel 8051-core process the program.

3-2-3 . Charger

The base supply DC 7.5V power to the charger and the charger charge the batteries to use this power. The CDT signal on the charger circuit is generated when the handset is to being charged this signal is used to control the charger circuit and for automatic off-hook by cradle-off when an incoming call is coming.

3-2-4 . Switching & Linear Regulator

The switching Regulator generate s DC 3.3V voltage from the batteries(3.6V/ 3cell).

The generated voltage is supplied to the C2830 and then the linear regulator generate DC 3.3V voltage. DC 3.3V is used for RF-module, DC 3.3V is used for the DE56200AA4CLC and the circumference circuits.

3-2-5 . EEPROM

This is 32K bytes of non-volatile memory. The each kind of value to set-up at note-book memory, radial memory, and so on are stored in this device, sms r.

3-2-6 . LCD

Dots matrix LCD display(128*64 dots matrix).

3-2-7 . KEY PAD

The keypad consists of 12 dialing keys and 8 function keys.