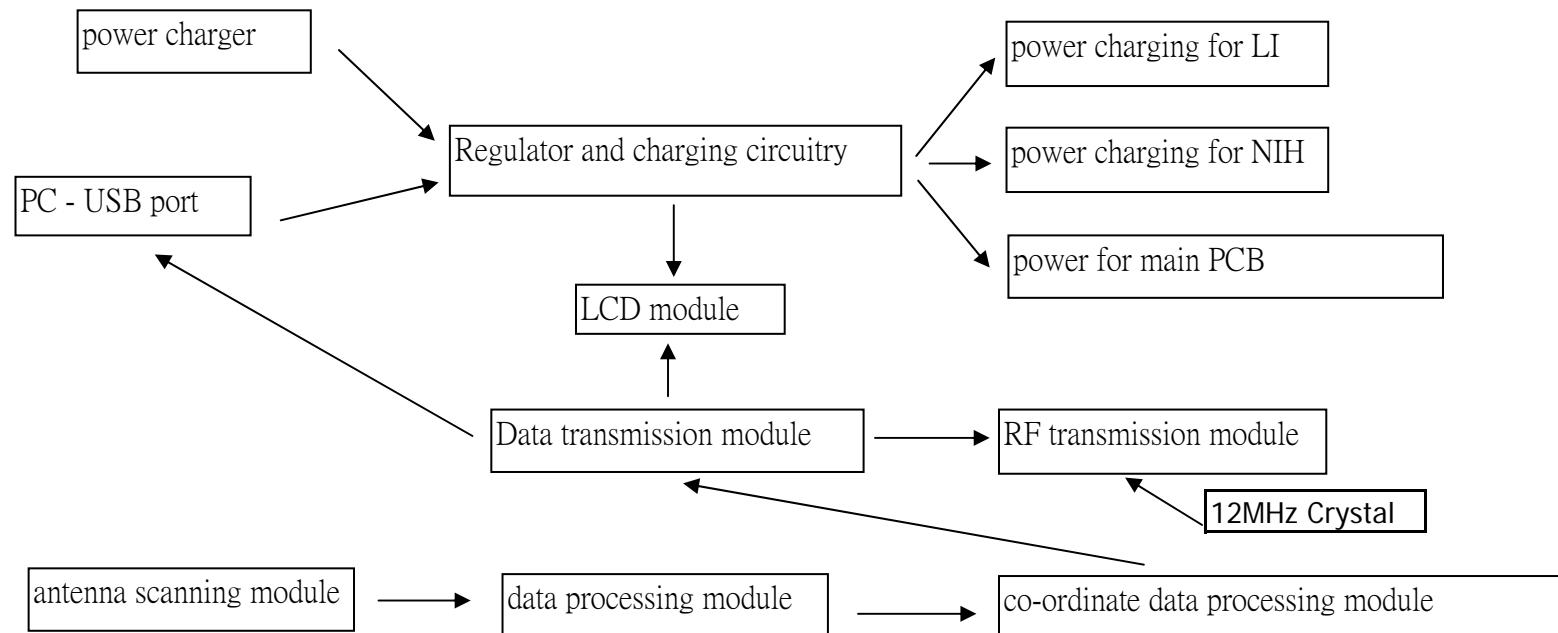


## Digitizer block diagram & Circuitry description



### Circuitry description

1. Regulator and power charging module get power suppler from power charger or PC via USB port and charge LI / NIH battery
2. Battery and charging status will be displayed via the LCD display module
3. - Antenna scanning module will scan the antenna grid on digitizer accordingly
  - scanned signal will be processed/magnified by the "data processing module" It will then forward to "co-ordinate data processing module" to generate the X-Y co-ordinate
  - X-Y co-ordinate data will be passed to "Dongle Receiver" from "Data transmission module" in 2 ways i) through the USB port in PC or ii) wirelessly via RF transmission module