

Brief Description for Circuit Function

PWB Functions

(1) IF-691 PWB

IF-691 PWB is functioning as a controller for system, data temporary storage, communicate with PC. It has a CPU, UART/IrDA controller, FPGA, RAM and DC-DC converter module. The ROM is included in CPU.

(2) LED-319 PWB

LED-319 PWB has five LEDs and four transistors. It informs the state and the result.

(3) SE-480 PWB

SE-480 PWB is functioning as a Antenna. It radiate a magnetic field, sends commands, and receives responses. It has eight capacitors and microstrip-line.

(4) IRC-3 PWB

IRC-3 is functioning as a transceiver of infra-red communication. It has a transceiver IC and some LCRs.

(5) PSW-64 PWB

PSW-64 connects between Power-switch and connector.

(6) CCM-33 PWB

CCM-33 PWB is functioning as a transceiver of the Tele-File communication. It has a amplifier, modulator/demodulator, CODEC, Synchronous communication controller. Therefore it uses some transistors, an OP-AMP, a comparetor, a communication controller and one Xtal oscillator. But it doesn't has IF steps.