

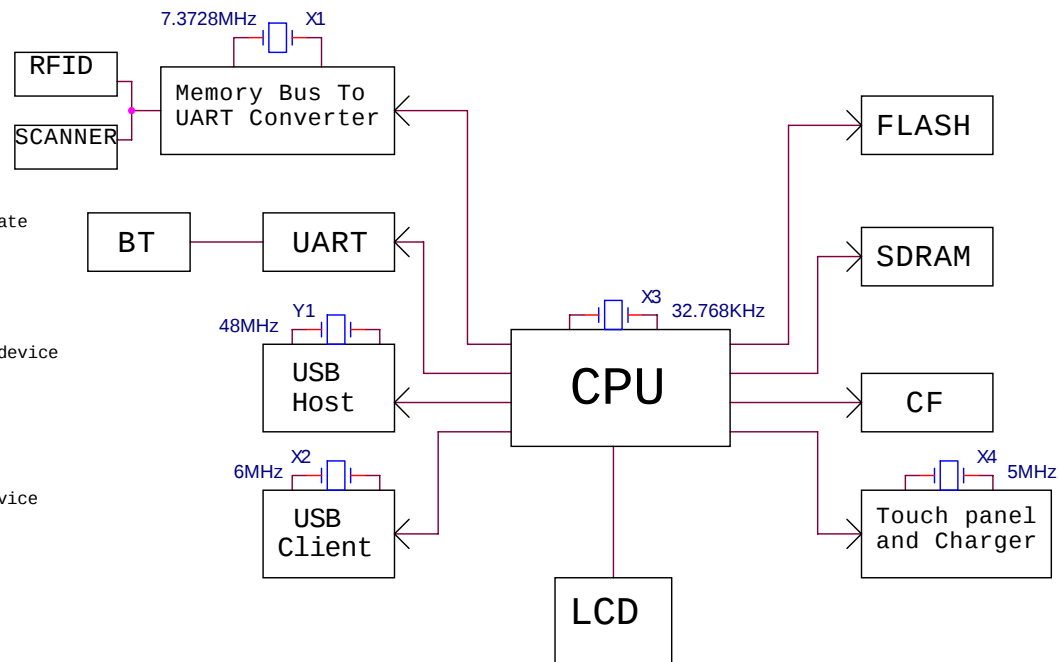
Turn on RFID module power first and communicate with RFID module by UART protocol.

Turn on Scan engine power first and communicate with Scan engine by UART protocol.

Turn on BT module power first and communicate with BT module by UART protocol

CPU memory bus communicate with Usb Client device via USB client controller

CPU memory bus communicate with Usb host device via USB host controller



Non-Volatile Memory. Flash is used to preserve data and CPU load boot program from flash when system have been power on.

Volatile Memory. CPU copy program from flash to SDRAM and then execute program in SDRAM.

CPU access Compact flash Card via buffer and CPLD. CPLD is programmable logic IC and it is used to control CF card access in our device.

Using 4-wire resistive touch panel detect touch point and transmit position data to CPU. Li-ion battery charger will terminate charge when ASIC detect current current under threshold.

CPU include LCD controller who fetches display data directly from system memroy.

Title			<Title>			
Size			Document Number			Rev
B			<Doc>			<RevCode>
Date:			星期四, 六月 07, 2007			Sheet 1 of 1



Specification of PPT10x

OS	Proprietary (windows CE-like), supports multiple European languages and Traditional/Simplified Chinese
Application Program	• Built-in character-mode web browser • Offering PC-based simulator • Support VT100/200 and IBM 5250 terminal emulation
CPU	Motorola DragonBall VZ328 Frequency: 33MHz
Memory	• 8 MB Code flash for image • On board 8 MB SDRAM (up to 32MB[註 1]) • On board 8 MB Data flash
Display	2.35" FSTN (with touch panel) Resolution 160(H)×160(V) Color: 16-gray scale Backlight: Blue EL
Touch Panel	High quality 4-wire analog type touch panel 100 Samples per second
Wireless (optional)	• Built-in RFID module with antenna • Built-in Bluetooth with antenna (Class 2)
Barcode Engine	1D / 2D scan engine
RFID reader module (optional)	Support read/write industry standard ISO15693 RFID tags and read/write ISO 14443A, Mifare and Mifare Pro [註 2]
Keyboard	• 28-keys [註 3] + 2 scan side keys
Application Buttons	• One power (suspend/resume/backlight) button • 3 Hotkey button • One Shift button • One FN switch button
LED Status Indicator	• One LED: Red when charging • One LED: Green when scanning is succeeded • One LED: Blue when wireless is active



External I/O Interfaces

- One USB host connector - mini A (USB 1.1)
- One LIF type connector support RS232, USB client, DC-in and cradle connector
- One IrDA 1.2 compliant SIR support 20~30 cm
- One internal buzzer
- One audio jack for mono headphone-in

Internal I/O Interfaces

- One internal CF Type II slot for WLAN
- One internal UART interface for 1D/2D laser engine
- One internal UART interface for HF RFID module
- One internal UART interface for Bluetooth module

Battery

Swappable battery pack of Li-ion 1800mAh @3.6V
Support 8 hrs battery life

Power Adapter

Universal AC 100V ~ 240V, 50~60Hz input; 6V

Physical

Target Dimension: 198 x 79 x 42mm
198 x 79 x 51mm (with RFID module)
Target weight: 320g

Environment

Operating Temperature 0 to 50 °C
Storage Temperature -20 to 70 °C
Operating Humidity 10% ~ 90% NC

Certification

- FCC & CE
- IP 54 standard
- 1.2 m drop to concrete

Accessories

- Stylus
- AC adaptor & power cord
- Sync Cable (RS-232/USB-client)
- Cradle (DC-In, Data Sync) (option)

註 1：32 MB SDRAM 非標準機種，最少生產批量為 500 pcs.

註 2：ISO 14443A 規格記技術可行，若業務有確認訂單約一個月可完成.

註 3：2 個 side keys 為 rubber key, 上蓋之 28 Keys 為 P+R 或 rubber key 請業務儘速確認.