



FBM710DTK9_057



Specifications

- **Fully 32-bit RISC architecture with 2 way, 4K-byte I-Cache and 4K-byte D-Cache:**
ARM7TDMI-BASED MCU, (Winbond) W90P710CD at 80 MHz.
- **Embedded system:** uClinux-2.4 (2MByte space) share with external NOR-Flash ROM.
- **16-bit external bus supported:** 4Mbyte NOR-Flash ROM and 16Mbyte SDRAM.
- **Functions build-in:** LED driver, 4-wire Touch panel, buzzer, 32.768KHz-RTC.
- **External interface:** SD/MMC Slot, USB (Host) x1, USB (Device) x1.
- **Internal interface:** RS232 x1, RS232 / UART x1, 18/24-bit TFT panel.
- **Re-definable I/O function Header (H1):** AC 97 Codec, or PWM x4, or GPIO x 6.
- **Dedicated purpose I/O Ports (share with H1):** AD0~1 and master I2C bus.
ADC0, ADC1: provide a 12-bit of scale for voltage detected range 0 ~ 3.3V.
- **Re-definable I/O function Header (H5):** RS232/UART, GPIO7~10, PS2 keyboard.
- **Power Input:** DC5V (Single) or 7 ~ 24V(Wide range).
- **Power consumption:** 2.5 W. (including the LED backlight of FBM710DTK9_057).
- **Operating Temperature:** - 20°C ~ +80°C.
- **Dimension:** 139 mm (W) x 96 mm (L)
- **RoHS Compliant**