

Working principle

The MID 906 based on a powerful ARM cortex A8 core With 3D accelerator, PMIC (A10), 4*256MB DDR2, Movinand. Applications processor allows user-interactive software and display your product-specific graphical data on a high-quality, touch screen-enabled 9.7”LCD available as an add-on out product. PAD 1051 include many fetures, such as camera, G-sensor, Audio. External TF Card etc.

The PMIC (Power management) is designed for use with the I.MX51 applications processor requiring a highly integrated, bi-directional power management IC and communications device.

Features include:

- *Battery charging

- *12 adjustable output low dropouts (LCO) with internal and external pass devices

- *Two boost converters

- *Real-time clock and crystal oscillator circuitry

- *SPI/I2C bus interface