Working principle

The MID PC687 based on a powerful ARM cortex A8 core With 3D accelerator, PMIC (Rockchip RK2918), 4*128MB DDR2, Movinand.

Applications processor allows user-interactive software and display your product-specific graphical data on a high-quality, touch screen-enabled -.7"lCD available as an add-on out product. PAD 1051 include many fetures, such as camera, G-sensor, Audio. External SD 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/12C bus interface