



## Prayog™ PLUS DESIGNING AND DEVELOPMENT

### BUSINESS NEED

Prayog™ Plus is a development platform based on Intel X-scale technology. This is an extension of the Prayog™ Lite with added interfaces like Ethernet, USB Host, Parallel port, etc. The platform was designed, developed and produced by ALLEN Calsoft Labs team of engineers for specific clients.

### TECHNOLOGY USED

- ⦿ **Hardware:** Intel PXA255 SFF board, Ethernet, USB 2.0, Graphic LCD controller, Touch screen controller, MMC and AC97 controller interfaces, UART
- ⦿ **Firmware:** Linux BSD v2.4/ 2.6 & WinCE

### BUSINESS BENEFITS

- ⦿ Highly flexible
- ⦿ Fully customizable

### SOLUTION DELIVERED

- ⦿ Prayog™ Plus has a ARM PXA-255 processor running at 200MHz or 400MHz. The platform runs on Linux BSD or WinCE.
- ⦿ This small form factor development board has 32/64 Mbytes of SDRAM (with a provision to expand to 128Mbytes), 8Mbyte (up to 16Mbyte) of flash device for BIOS and other functions.
- ⦿ USB 2.0 and IrDA (slow/fast) interface, 10/100 Ethernet, SMSC LAN , Four UARTs, Synchronous serial port, network synchronous Serial Port, MMC and AC97 controller interface, LCD interface, JTAG for easy code download and Local bus interface.



**ABOUT ALLEN CALSOFT LABS**

ALLEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALLEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi- tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALLEN Calsoft Labs is a part of ALLEN group, a leader in technology consulting and engineering services.

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