

Sophia Systems

Sandgate 3-P - Marvell PXA310 Advanced Engineering Reference Kit "Solution Set"

Supported Microsoft Platforms: CE6.0 R2+, Win Mobile

Other: Linux

Supported Processors: Marvell / Intel PXA310

Accelerate your WinCE driver development using the PXA310 Sandgate 3P engineering reference. This is full featured engineering platform with User accessible busses, test points, and I/O. That means faster and easier integration with prototype hardware. Application debugging kits can range from a basic PXA310 projects to WLAN enabled systems that include advanced WATCHPOINT enhanced JTAG "hardware assist" debugging that can be C++ or WinCE session aware with additional software plug-ins.

You get more because of Sophia Systems' 30 years of quality and engineering expertise. It is ready to go out of the box, and that means that application development can move ahead while your prototype is being prepared. The Sandgate 3 comes with the full BOM, schematics, and lots of C source code. Board support packages are available for WinCE/Platform Builder CE5, CE6 R2+, and Linux, and updates are made available regularly.

The Sandgate 3P includes 624MHz PXA310, 256MB NAND, 128MB DDR SDRAM, 2.2" QVGA LCD (+ option larger Touch LCD), USB OTG/2.0 Client, micro SD/SDIO slot, IrDA, Audio CODEC, Sound Gen, Microphone, Stereo speakers, Headset jack, Wilcom SIM slot, both Murata 802.11b/g WiFi & Bluetooth modules, 23 Key pad, Camera, 3 Axis Accelerometer, Magnetic field sensor, vibrator, and expansion board interface. The included Expansion Debug Board hosts a 20 Pin JTAG port, Ethernet RJ-45 port, RS232 bootloader serial connector, CPLD Writer port, Analog VGA out, and expansion signal connector.

Sophia Systems offers a suite Sandgate "Solution Set" development & debug platforms for PXA3xx, and PXA270 series chips. All of our development products reflect an engineering team more than 30 years in the making. We have done it all, and your project will benefit from that experience.

FEATURES & BENEFITS

- ◆ Board Support Packages for WinCE 6.0 R2+, WinMobile 6.0+. (Including source code reference)
- ◆ PDF Schematics and full BOM Parts Lists included
- ◆ Includes a dependable & fast, FLASH programmer
- ◆ Complete Solution Set developer kits are available that Include our Advanced JTAG ICE with Watchpoint Debug and WinCE or C++ session aware plug-in.



TECHNICAL SPECS

Marvell PXA310 VF-BGA 416-Ball, 624MHz MPC, 256MB NAND, 128MB DDR SDRAM, Detachable Handset, Power Management, User Expansion Port for daughter board development attachment. Expansion Debug Board hosts a 20 Pin JTAG port, Ethernet RJ-45 port, RS232 bootloader serial connector, CPLD Writer port, Analog VGA out, and expansion signal connector.

DEVICE FOCUS

Professional embedded systems development & debugging. Consumer Electronics, Digital Camera, Digital Imaging, Gaming, Gambling, Automation Systems, Industrial Personal Assistants and Controllers, In-Vehicle Telematics/ Infotainment, Kiosk, Medical Systems, Mobile Devices, Networking Devices, POAs, Portable Data Terminals

VERTICAL MARKETS

Aerospace, Building/Home Automation, Consumer Electronics, Defense/Government, Education, Financial Services, Industrial Control/Automation, Internet Appliances, Manufacturing/Warehousing, Medical, Network Infrastructure, Office Automation, Retail, Telco

AVAILABILITY

Two weeks on receipt of order.

CONTACT INFORMATION

EECO

Enable Engineering Co. Inc.

Call 800.686.4228

email sales@ecosales.com

www.ecosales.com