

Sandgate 2P: VoIP Reference Design Platform

Supported Microsoft Platforms: Windows CE

Supported Processors: Intel PXA270 (Monahans available in Q107)

Sophia Systems' Sandgate II-P is a fully loaded VoIP Video and WiFi reference design phone based on Intel® PXA270 applications processor. This VoIP form-factor DVK is ideal for both WiFi and Video phone developers.

This reference board enables you to develop the software at the same time as the hardware, greatly reducing your overall system development time and getting your products to market faster. In addition the solution set packages (including JTAG emulator, debuggers, compilers, reference BSP's, schematics, parts list and more) let you stay focused on the project at hand without wasting time on setting up the initial debug environment.

In addition to WinCE 5.0 & 6.0 BSP's, the VoIP DVK includes a WiFi module, ample memory, audio, camera, SD/CF sockets, USB/LAN/Serial/JTAG ports, QVGA LCD, optional touch panel VGA LCD and full-size keyboard and so much more... all in one compact design.

Other Sandgate reference design platforms include:

- Sandgate 3: a compact DVK based on Monahans (PXA320)
- Sandgate 2 & 2G: a general handheld multimedia DVK's based on PXA270

What differentiates Sophia Systems is our complete development tools story. Not only do we offer various Sandgate platforms, we also provide all the necessary tools that enable developers to start their own designs based on Intel® XScale® technology. Our core business over the last 30 years has been designing and supporting Full In-Circuit Emulators (ICE), JTAG emulators and software debuggers.

FEATURES & BENEFITS

- ◆ Board Support Packages for WinCE 5.0 & 6.0 (source)
- ◆ Optional touch screen VGA LCD and keyboard (ideal for software developers)
- ◆ Schematics (PDF) and Parts List included
- ◆ Complete solution set packages available including JTAG emulators, debuggers, compilers...



TECHNICAL SPECS

- ◆ Memory: Memory: 64 Mbytes SDRAM, 128 Mbytes Flash
- ◆ BUS: 104 Mhz bus speed and up to 624MHz CPU core, Expansion Bus
- ◆ WiFi: Wireless LAN module 802.11b/g
- ◆ Camera: 1.3 Mega Pixel .CCD camera
- ◆ Sockets: SD and CF slots

DEVICE FOCUS

Consumer Electronics, Digital Camera, Digital Imaging, Gaming/Gambling, In-Vehicle Telematics/Infotainment, Kiosk, Medical Systems, Mobile Devices, Networking Devices, POAs, Portable Data Terminals, Retail Point-of-Sale, Smart/Feature Phones, VOIP Phones

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, Teleco

AVAILABILITY

now

CONTACT INFORMATION

EECO

Enable Engineering Co. Inc.

Call 800.686.4228

email sales@ecocsales.com

www.ecocsales.com