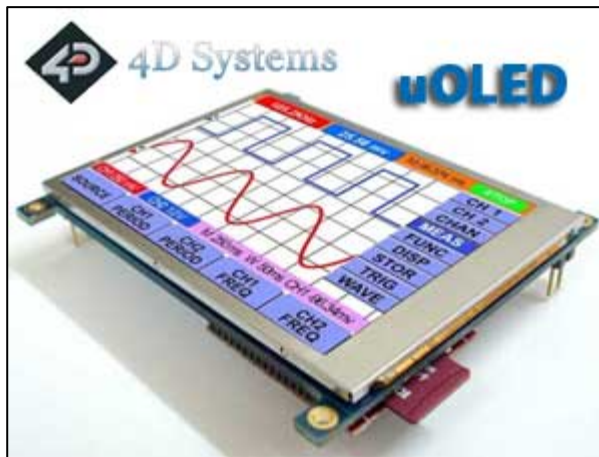


News Highlights – Issue 23 (February 2008):

- [4D Systems Releases New \$\mu\$ OLED 2.4" and 2.8" Modules](#)
- [Cyan Offers eCOG1X 16-bit MCU Low Cost Development Kit for AU\\$59*](#)
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4D Systems Releases New μ OLED 2.4" and 2.8" Modules



4D Systems, available through [GLYN High-Tech Distribution](#), is pleased to announce the release of its latest range of Active Matrix OLED (AMOLED) intelligent display modules.

The μ OLED-320XX-PMD3 series are a compact (2.4" and 2.83") and cost effective all in one 'SMART' display modules using the latest state of the art Active Matrix OLED (AMOLED) technology with an embedded PICASO graphics controller that delivers 'stand-alone' functionality to any project. The 'easy to learn and use' 4D Graphics Language (4DGL) with vast built in library functions will allow rapid

application development.

4DGL is a graphics oriented language, allowing the developer to write applications in a high level language (syntax similar to popular languages such as BASIC, C, Pascal, etc.) and run it directly on the PICASO processor embedded in the μ OLED-320XX-PMD3 modules. 4DGL allows the user to take complete control of all available resources on that hardware platform such as the Serial Port, Graphics AMOLED Display, uSD-Card, I/O pins, etc. This eliminates the need for an external host controller/processor to drive the μ OLED-320XX-PMD3 modules via serial commands. It provides the user complete control over the hardware module allowing them to quickly develop powerful applications.

For further information on 4D Systems uOLED products, please send us an email at sales@glyn.com.au



Cyan Offers eCOG1X 16-bit MCU Low Cost Development Kit for AU\$59*



Cyan in cooperation with [GLYN High-Tech Distribution](#) is offering for a limited time only its new eCOG1X 16-bit MCU Low Cost Development Kit for AU\$59 only. Normal RRP is AU\$150.

The eCOG1X product family is a range of low-power, feature rich microcontrollers based on a 16-bit Harvard architecture with a 24-bit linear code address space (32Mbyte) and 16-bit linear data address space (128Kbytes).

The devices are highly configurable, with options including combinations of USB 2.0 OTG interface, 10/100 Mbps Ethernet MAC and 4 or 12-bit analogue I/O. Each variant is available with different on-chip memory options, including up to 512Kbytes of Flash and 24Kbytes of SRAM.

The eCOG1X Low Cost Development Kit contains the following:

- Low cost development board, fitted with an eCOG1X1A5 or an eCOG1XE01A6 device
- Cyan eCOG1X USB eICE adaptor
- USB cable (A to mini-B)
- CD-ROM containing CyanIDE development software and documentation

The eCOG1X Low Cost Development Board has the following major features.

- eCOG1X1A5 microcontroller with 512Kbytes flash memory and 24Kbytes SRAM or eCOG1XE01A6 microcontroller with 64Kbytes flash memory and 8Kbytes SRAM
- 10 way right angle socket for the eICE debug port (S1)
- Four serial ports, two with optional EIA/TIA-562 transceiver
- Four 12-bit analogue inputs
- Two user/status LEDs
- Hardware reset pushbutton
- Free pads or pin headers for input and output port connections
- Powered from the eICE adaptor or from an external 5V d.c. power supply.

For more details about Cyan products or the eCOG1X Low Cost Development Kit, please send us an email at sales@glyn.com.au



Bluetooth Proximity Marketing Now a Reality with Bluegiga Access Server

With over 80% of mobile phones in the world will be Bluetooth-enabled by 2009 according to the latest market research, the opportunity is practically limitless to use this new media for advertisement and digital content distribution. Bluetooth proximity marketing (BPM) is a great new way to communicate directly with your customers where advertising or other digital content in the form of text, static or animated graphics, video clips, and Java applications can be easily and freely distributed to Bluetooth-enabled devices such as mobile phones and PDAs.

With Bluegiga Access Server, available through [GLYN High-Tech Distribution](#), this functionality can now be easily integrated into kiosks, vending machines, billboards and

signs, or even as stand-alone or networked device. The system can be implemented with completely autonomous 'push' feature or the user may have the option to 'pull' the information. Marketing statistics such as number of downloads over a period of time is also provided. Customised content downloads depending on the mobile phone model is also possible with the Access Server.



The Bluegiga Access Server is a Linux-based system designed to meet the demands of the most reliable, flexible and powerful Bluetooth local information

systems where up to 21 simultaneous cell phone connections are supported via a single Access Server. The Access Server is available in integrated or external antenna versions. For application development and customisation, an SDK is also available.

An outdoor installation kit with rugged housing is available as an option. Also available is a mounting accessory kit where the Access Server can be firmly and securely placed on walls and ceilings.

Bluegiga Access Servers can be grouped together, managed and monitored over secure connections with [Bluegiga Solution Manager](#) (BSM) via Ethernet. Wi-Fi or GSM/GPRS network connectivity is provided with an external CF card option. The BSM system is especially useful for remote management of numerous Access Servers deployed in geographically dispersed locations.

Aside from Bluetooth content and application distribution to mobile phones and PDAs, the Bluegiga Access Server can be used for other applications such as:

- Bluetooth-to-TCP/IP networking
- Network access point
- Point-of-sale systems
- Logistics and transportation systems
- Telemetry and machine-to-machine systems
- Medical and health care systems
- Fitness and sport telemetry systems
- Cable replacement

For more information about the Bluegiga Access Server, please send us an email at sales@glyn.com.au



AverLogic Offers MPEG4/2/1 Video and Audio Encoder



AverLogic, available through [GLYN High-Tech Distribution](#), introduces the new AL9V576 chip, a real-time MPEG-4/2/1 video/audio encoder chip that fully complies with ISO/IEC-11172, ISO/IEC-13818, and ISO/IEC-14496. The video encoder accepts uncompressed ITU-R BT.656. It filters the input and compresses the video into MPEG-4/2/1 formats. The audio encoder accepts two independent channels of digital audio, filters the input, and compresses each audio into MPEG-1, layer 2 audio formats. AL9V576 multiplexes the

video and audio streams as transport streams for network applications or program streams for storage applications.

AL9V576 Applications:

- IP network camera
- Video server
- Surveillance DVR
- PVR/ PMP
- MPEG-4 viewer
- Wireless TV
- Network video phone
- PCI MPEG-4/2 A/V capture card
- USB 2.0 MPEG-4/2 A/V TV box
- Surveillance PCI capture card (Multiple-channel), etc.

Evaluation boards, SDK and reference designs are available now for the AL9V576.

For more information about AL9V576 or any other AverLogic products, please send us an email at sales@glyn.com.au



FTDI Introduces V-Eval Development Board for Vinculum USB Host Controller Designs



FTDI, available through [GLYN High-Tech Distribution](#), introduces its new V-Eval Kit, a hardware platform that designers can use to develop embedded USB host systems based on FTDI's Vinculum [VNC1L](#) USB host controller chip. Designs can be rapidly debugged using the "spy" mode of the supplied V-Eval software which displays the data sent between the VNC1L UART and a controller UART, for example a PIC.

Key V-Eval features include:

- Inbuilt VNC1L USB device programmer / terminal emulator / command monitor hardware
 - Two VNC1L USB Host/Slave ports
- Generous prototyping area for standard DIP and SIL devices
 - Multiple IO port connectors grouped by port name and/or function
 - LEDs and switches for user interaction
 - PS/2 keyboard and mouse ports
 - Downloadable programming, terminal emulation and debug monitor software
 - Downloadable HID class example project (VNC1L controlled USB rocket launcher) including PIC source code in C

V-Eval is priced at AU\$90 each. For more information about V-Eval or other FTDI products, please send us an email at sales@glyn.com.au



Telit Publishes 3rd Issue of *telit2market* M2M e-Magazine

telit2market is Telit's innovative and informative magazine for the entire M2M community. As well as information on the company, the magazine also offers various market analyses, such as an appraisal by the Berg Insight analyst Tobias Ryberg on the launch of 3G products on the M2M market. The magazine also offers Telit's customers, partners and distributors the perfect platform for showcasing their products and solutions to a wide audience. *telit2market* therefore facilitates global exchange on the myriad uses for Telit's innovative M2M technology.



"The third edition of *telit2market* illustrates that our magazine has become a fixture of the M2M market. We are delighted, in this edition, to present a wide range of the latest applications, products and services," says Dominikus Hierl, President of Telit Wireless Solutions.

In the third edition of *telit2market*, Telit illustrates the advantages of the new GE863-PRO³, one of the key products of Telit's modular range. The world's only GSM/GPRS quad band module features the module processor and an additional, high-performance ARM9 processor from Atmel. The magazine also focuses on the various uses for Telit's powerful modules, such as applications from the fields of automatic meter reading (AMR), fleet management, telematics, security or tracking and tracing.

With comprehensive information spanning some 100 pages, Telit has significantly extended its third edition of *telit2market*. The magazine is published worldwide with a print run of 58,000 copies. To download your copy of the third edition of *telit2market* magazine and the previous editions of *telit2market* magazine, please visit GLYN's website (www.glyn.com.au) or Telit's *telit2market* webpage (<http://www.telit.com/en/discover/telit-magazine.php>)



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Toshiba, NEC, NEC-Tokin, Sony, Seiko Instruments, Yamaichi, Suyin, ICSI, Wavecom, Infineon, and Displaytech.