



Zoom™ STARTER DEVELOPMENT KIT

A B C

*Developing products
is as simple as*

A B C

A Application Development Kits

B Board Support Packages

C Card Engines

ZOOM DISPLAY KITS

Logic offers the following display kits (bezel, inverter, touch panel, and cable assemblies included):

- LCD-3.5-QVGA-10
3.5", QVGA, AD-TFT
- LCD-6.4-QVGA-10
6.4", VGA, TFT
- LCD-10.4-VGA-10
10.4", VGA, TFT
- LCD-12.1-SVGA-10
12.1", SVGA, TFT

Cable assemblies are also available for other Sharp displays.

CUSTOMER SUPPORT

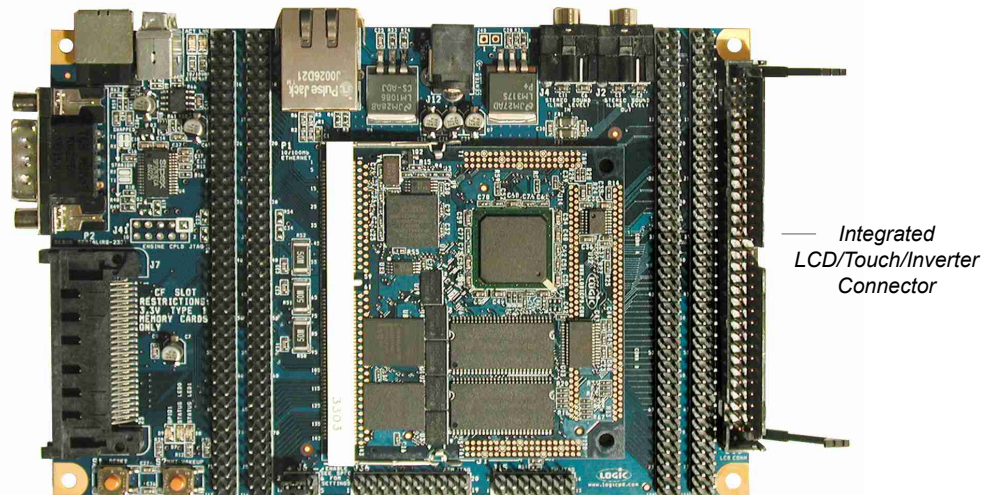
Logic provides technical support for Application Development Kits. Various support packages are available; contact us for more information.

CONTACT

For more information on our Embedded Platform Solutions, please contact Logic Sales at www.logicpd.com or 612.672.9495.

The Zoom™ Starter Development Kit is a low-cost Application Development Kit for evaluating the functionality of the Card Engine. This results in an embedded product development cycle with **less time, less cost, less risk ... more innovation.**

Application development is performed right on the product-ready Card Engine and software Board Support Package included in the kit, which enables customers to seamlessly transfer their application code and hardware into production. The Application Board has connections to all of the Card Engine specific peripherals via standard connectors or expansion headers. This allows easy connection for application development, prototyping, and debugging.



Expansion Headers: Access to all Card Engine signals
Standard 100-mil pitch for prototyping

- **Card Engine** Included based on Development Kit purchased
- **LCD Display Connector** 60 pin integrated LCD, touch & backlight connector (see Sharp Display Kits sidebar for ready-to-use LCD display options)
- **Network Support** One RJ45 Ethernet jack (application/debug)
- **Audio** Stereo input and output jacks -3.5mm diameter (stereo in not supported by LH79520)
- **PC Card Expansion** Compact Flash Type 1 (card slot memory storage only)
- **Serial Port** 115.2Kbps RS-232 debug serial port
- **USB** 1 Host and 1 Client port
- **Expansion Headers**
 - Standard 100 mil pitch header
 - Access to all Card Engine signals
- **Software**
 - Windows™ CE and Linux Board Support Packages (BSP) available
 - Software Development Kits (SDK) available for Linux and Windows CE development depending on Card Engine MMU support
 - GNU cross development tools (compiler, linker, assembler, and debugger)
 - Microsoft Windows CE.NET 120-day evaluation software
 - Example source code and sample applications available
 - LogicLoader™ (bootloader/monitor)
- **Mechanical**
 - 4"(102 mm) long x 6"(152 mm) wide x .66"(16.8 mm) high
- **Cables**
 - Serial cable (null modem)