Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us
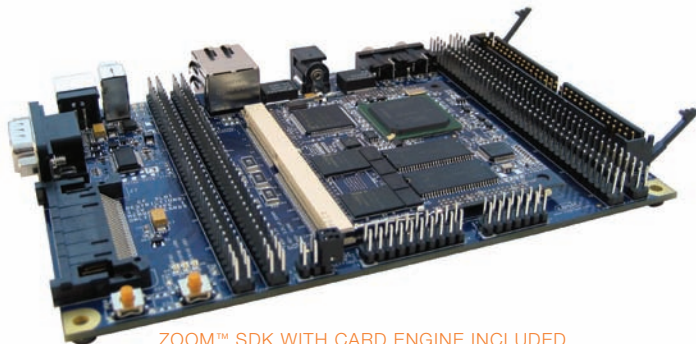
ZOOM™ SDK Development Kit

By providing a product-ready hardware and software platform, Logic's embedded solutions fast forward development and help you stay focused on your high-value core technologies. The Zoom™ Starter Development Kit (SDK) is a low-cost, high-performance application development kit for evaluating the functionality of the System on Module (SOM) Card Engine and associated processor.

ZOOM™ SDK WITH CARD ENGINE INCLUDED

Application development is performed right on the product-ready Card Engine and software Board Support Packages (BSPs) included in the kit, which enables you to seamlessly transfer your application code and hardware into production.

The Card Engine is ideal for applications in the medical, point-of-sale, industrial, and security markets. From patient monitoring and medical imaging, to card payment terminals and bar code readers, to CCTV cameras and intruder alarms, the Card Engine allows for powerful versatility and long-life products.

The Zoom SDK includes the Card Engine, application baseboard, and accessories required to immediately begin development work.

ZOOM™ SDK :: HIGHLIGHTS:

+ Low-cost development kit
+ Includes product-ready Card Engine
+ Compact size
+ Ready to run Board Support Packages (BSPs)

CARD ENGINE :: BENEFITS:

+ Long product lifecycle
+ Scalability
+ Compact Card Engine form factor
+ See specific SOM product brief for more information

LOGIC

ZOOM™ SDK Ordering Information

Model Number	SOM Configuration	Recommended Resale
SDK-PXA270-520-10-6432R	CENGPXA270-520-10-504HCR	$499
SDK-LH7A404-11-6416R	CENGLH7A404-11-503HCR	$399
SDK-LH79524-10-3216R	CENGLH79524-10-403HCR	$389
SDK-LH75401-11-0204[1]	CENGLH75401-11-101HC	$299
SDK-SH7760-10-6416[1]	CENGSH7760-10-503HC	$449

Note: 1. These Zoom SDK configurations are non-RoHS compliant.

ZOOM™ Display Kit Ordering Information

Model Number	Sharp LCD PN	Display Size	Display Format	LCD Interface	Key Features
LCD-3.6-QVGA-10R	LQ036Q1DA01	3.6"	QVGA 320x240	TFT	Color, transmissive w/HRTFT ASIC
LCD-6.4-VGA-10R	LQ64D343	6.4"	VGA 640x480	TFT	Color, transmissive

LOGIC WEBSITE :: DESIGN RESOURCES:

+Logic Technical Support : http://www.logicpd.com/support/

+Technical Discussion Group : http://www.logicpd.com/support/tdg/

+Frequently Asked Questions (FAQ) : http://www.logicpd.com/support/faq/

+For more information contact Logic Sales : product.sales@logicpd.com

Product Features[2]

Card Engine Included
+Includes associated SOM Card Engine

LCD Display Connector
+Integrated LCD, touch, and backlight connector for Zoom Display Kits

Audio[3]
+Stereo input and output jacks

Network Support
+One RJ45 Ethernet jack connector with magnetics (application/debug)

PC Card Expansion
+CompactFlash® Type I card (memory-mapped mode only)

USB[3]
+One USB 2.0 full-speed host
+One USB 2.0 full-speed device

Serial Ports
+115.2kbps RS-232 debug serial port

Expansion Headers
+Standard 100 mil pitch header
+Access to all Card Engine signals

Software[3]
+LogicLoader™ (bootloader/monitor)
+Windows® Embedded CE and Linux BSPs depending on Card Engine support

Cables
+Serial cable (null-modem)
+Ethernet crossover cable
+5 volt power supply (with Europe, Japan, UK, & US adapters)

Mechanical
+102 mm wide x 152 mm long x 16.8 mm high

RoHS Compliant

Notes:
2. Exact product features depend upon the associated SOM.
3. Please refer to the specific SOM product brief for periperhals & software support.

LOGIC

embedded product solutions

411 N. Washington Ave. Suite 400 Minneapolis, MN 55401

T : 612.672.9495   F : 612.672.9489   I : www.logicpd.com

PN: 70000021 Rev G