

PRODUCT BRIEF:

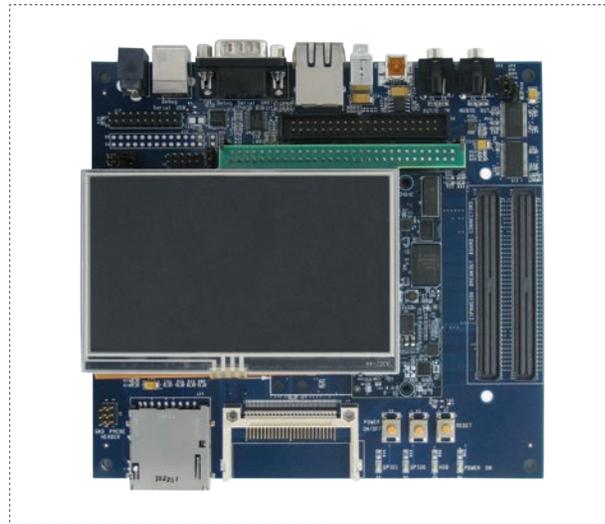
Logic PD :: Texas Instruments
www.logicpd.com/ti

Zoom™ OMAP35x Development Kit

By providing a product-ready software and hardware platform, Logic PD's embedded product solutions fast forward development and help your company stay focused on its high-value core technologies. The Zoom OMAP35x Development Kit is a low-cost, high-performance application development kit for evaluating the functionality of Texas Instruments' OMAP 3 processors and Logic PD's System on Modules (SOMs).

Application development is performed right on the product-ready OMAP35x SOM-LV and software Board Support Packages (BSPs) included in the kit, which enables you to seamlessly transfer your application code and hardware into production. The included OMAP35x SOM-LV utilizes the superset OMAP3530 processor. This SOM allows for easy evaluation of the OMAP3530 and OMAP3503 processors.

The OMAP35x SOM-LV 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 OMAP35x SOM-LV allows for powerful versatility and long-life products.



ZOOM OMAP35x DEVELOPMENT KIT WITH
OMAP35x SOM-LV & 4.3" WQVGA LCD INCLUDED

The Zoom OMAP35x Development Kit includes the OMAP35x SOM-LV, application baseboard, and accessories required to immediately begin development work.

**ZOOM OMAP35x DEVELOPMENT KIT
:: HIGHLIGHTS:**

- + Low-cost development kit
- + Product-ready OMAP35x SOM-LV
- + 4.3" WQVGA LCD
- + Compact size
- + Ready to run Board Support Packages (BSPs)

OMAP35x SOM-LV :: BENEFITS:

- + Long product lifecycle
- + Scalability
- + Compact SOM-LV form factor
(31.2 x 76.5 x 7.4 mm)
- + See the *OMAP35x SOM-LV Product Brief* for more information

Zoom™ OMAP35x Development Kit Ordering Information

Model Number	SOM-LV Configuration
TMDSMEVM3530-L	SOMOMAP3530-11-1672IFCR

NOTE: Zoom OMAP35x Development Kits are available through Logic PD and TI distributors.

OMAP35x SOM-LV Ordering Information

Model Number ¹	mDDR (MB)	NAND Flash (MB)	NOR Flash (MB)	Wired Ethernet	802.11b/g Ethernet	Bluetooth	Temp. (°C)
SOMOMAP3503-11-1782GFIR ²	256	512	8	Y	N	N	-40°–85°
SOMOMAP3530-11-1782IFXR	256	512	8	Y	Y	Y	-20°–70°
SOMOMAP3530-11-1782JFIR	256	512	8	Y	N	Y	-40°–85°

NOTES: 1. Custom configurations are available by special order. Please contact Logic PD Sales for details.
2. Does not include touch controller.

Product Features

OMAP3530 SOM-LV Included

+TI OMAP3530 processor, 128 MB mDDR, 256 MB NAND flash, 8 MB NOR flash, wired Ethernet, 802.11b/g Ethernet, Bluetooth

LCD Display Connector

+Integrated LCD, touch, and backlight

Included LCD Panel

+4.3" WQVGA LCD panel
+4-wire touchscreen

Audio

+Stereo input and output jacks

Network Support

+One RJ45 Ethernet jack connector with magnetics (application/debug)
+Antenna for 802.11b/g Ethernet and Bluetooth 2.0 + EDR connectivity

PC Card Expansion

+CompactFlash® Type I card
+MMC/SD card

USB

+One USB 2.0 high-speed host
+One USB 2.0 high-speed On-the-Go device

Serial Ports

+115.2kbps RS-232 debug serial port

Expansion Boards and Connectors

+High-precision analog adapter board
+High-density breakout board
+Connectors for JTAG and ETM interfaces

Software

+LogicLoader™ (bootloader/monitor)
+Windows® Embedded CE 6.0 BSP
+Open source Linux™ BSPs

Cables

+Serial cable (null-modem)
+Ethernet crossover cable
+USB A to mini-B cable
+5 volt power supply (with Europe, Japan, UK, & US adapters)

RoHS Compliant



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