Zoom™ OMAP35x Torpedo™ 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 Torpedo Development Kit is a low-cost, high-performance application development kit to evaluate the functionality of the Texas Instruments (TI) OMAP35x processors and the Logic PD System on Module (SOM).

Application development is performed right on the product-ready OMAP35x Torpedo SOM 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 Torpedo SOM utilizes the superset OMAP3530 processor and allows for easy evaluation of both the OMAP3530 and OMAP3503 processors.

The ultra-compact OMAP35x Torpedo SOM is ideal for applications in the medical, point-of-sale, industrial, security, and consumer markets where space is at a premium. From point of care medical devices to bar code readers, handheld radios to mobile Internet devices, netbooks to CCTV cameras, the OMAP35x Torpedo SOM
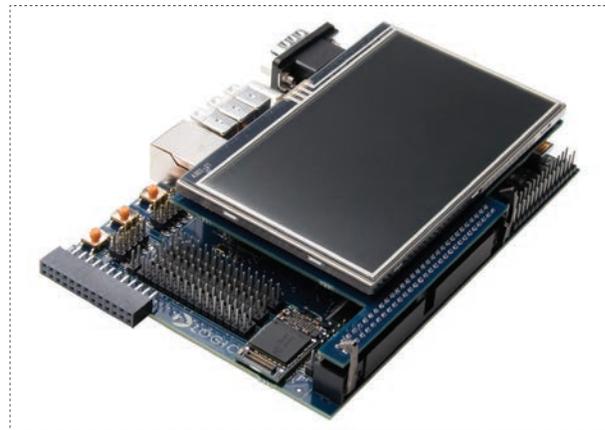
ZOOM OMAP35x TORPEDO DEVELOPMENT KIT WITH OMAP35x TORPEDO SOM & 4.3" WQVGA LCD INCLUDED

allows for powerful versatility, compact designs, and long-life products.

The Zoom OMAP35x Torpedo Development Kit includes the OMAP35x Torpedo SOM, application baseboard, 4.3" WQVGA LCD, and accessories required to immediately begin development work.

ZOOM OMAP35x TORPEDO DEVELOPMENT KIT :: HIGHLIGHTS:
+ Product-ready OMAP35x Torpedo SOM
+ 4.3" WQVGA LCD with touchscreen
+ Compact size
+ Ready to run Board Support Packages (BSPs)

OMAP35x TORPEDO SOM :: BENEFITS:
+ Long product life-cycle
+ Scalability
+ Ultra-compact form factor
  (15 x 27 x 3.8 mm)
+ See the *OMAP35x Torpedo SOM Product Brief* for more information

LOGIC PD™

Zoom™ OMAP35x Torpedo™ Development Kit Ordering Information

Model Number	SOM Configuration
SDK-OMAP3530-20-128256R	SOMOMAP3530-21-1670AGCR

OMAP35x Torpedo SOM Ordering Information

Model Number	Speed (MHz)	SDRAM (MB)	NAND Flash (MB)	Temperature
SOMOMAP3530-21-1780AGIR	600	256	512	-40°C–85°C

NOTE: Custom configurations are available by special order. Please contact Logic PD Sales for details.

Product Features

OMAP3530 Torpedo SOM Included
+ TI OMAP3530 processor running up to 600 MHz

LCD Display Connector
+ Integrated LCD, touch, and backlight connector

Included LCD Panel
+ 4.3" WQVGA LCD panel
+ 4-wire resistive touchscreen

Audio
+ Stereo input and output jacks

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

PC Card Expansion
+ Two MC/SD card slots

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

Serial Ports
+ 115.2kbps RS-232 debug serial port

Debug Connectors
+ Connectors for JTAG and ETM interfaces

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

Kit Contents
+ Serial cable (null-modem)
+ Ethernet crossover cable
+ USB A to mini-B cable
+ 5 volt power supply (with Europe, Japan, UK, & US adapters)
+ 1100 mAhr, 3.7V Li-Ion battery
+ Pre-built OS demo image on SD card(s)
+ SOM hold-down clip

RoHS Compliant

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