



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!



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**PRODUCT BRIEF:**

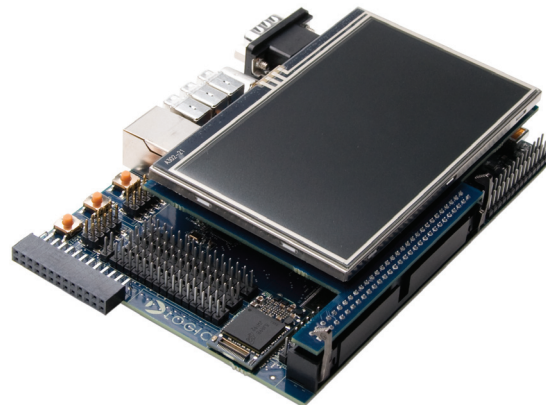
Logic PD :: Texas Instruments  
www.logicpd.com/ti

## Zoom™ OMAP35x™ Torpedo Development Kit

By providing a product-ready software and hardware platform, Logic PD's embedded product solutions fast forward development and helps 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 for evaluating the functionality of the OMAP35x Torpedo 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 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 Torpedo SOM allows for powerful versatility, compact designs, and long-life products.



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

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:**

- +Includes product-ready Torpedo SOM
- +Includes 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 OMAP35x Torpedo SOM product brief for  
more information



## Zoom™ OMAP35x Torpedo Development Kit Ordering Information

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

## OMAP35x Torpedo SOM Ordering Information

Model Number	Speed (MHz)	SDRAM (MB)	NAND Flash (MB)	Temperature
SOMOMAP3503-21-1670AGCR	600	128	256	0°C–70°C
SOMOMAP3530-21-1670AGCR	600	128	256	0°C–70°C
SOMOMAP3530-21-1670AGIR	600	256	512	-40°C–85°C

NOTE: Custom configurations are available by special order. Please contact Logic PD Sales for details: [product.sales@logicpd.com](mailto:product.sales@logicpd.com).

## Optional Zoom Display Kit Ordering Information

Model Number	Sharp LCD P/N	Display Size	Display Format	LCD Interface	Key Features
LCD-3.6-QVGA-10R	LQ036Q1DA01	3.6"	QVGA 320x240	TFT	Portrait, color, transmissive, w/HRTFT ASIC
LCD-4.3-WQVGA-10R	LQ043T1DG01	4.3"	WQVGA 480x272	TFT	Widescreen, color, transmissive
LCD-6.4-VGA-10R	LQ64D343	6.4"	VGA 640x480	TFT	Landscape, color, transmissive

NOTE: The Zoom OMAP35x Torpedo Development Kit comes with a 4.3" WQVGA LCD display. The optional Zoom Display Kits listed in the table above are available for purchase separately. Please see the Logic PD website for more details: [www.logicpd.com/products/display-kits](http://www.logicpd.com/products/display-kits)

### LOGIC PD WEBSITE :: DESIGN RESOURCES:

- + Logic PD Products : [www.logicpd.com/products](http://www.logicpd.com/products)
- + Logic PD Technical Support : [www.logicpd.com/product-support](http://www.logicpd.com/product-support)
- + For more information contact Logic PD Sales : [product.sales@logicpd.com](mailto:product.sales@logicpd.com)



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## Product Features

### Texas Instruments OMAP353x Torpedo SOM Included

- + The OMAP3530 is the superset processor of the OMAP35x family

### LCD Display Connector

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

### 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 mAh, 3.7V Li-Ion battery
- + Pre-built OS demo image on SD card(s)
- + SOM hold-down clip

### RoHS Compliant