

PRODUCT BRIEF:  
Logic

## OMAP35x Windows Embedded CE Board Support Package

The OMAP35x Windows Embedded CE 6.0 Board Support Package (BSP) is a product ready software package for use with the Microsoft Windows Embedded CE 6.0 R2 Operating System (OS) and the Logic OMAP35x SOM-LV and Torpedo SOM Development Kits.

### Product Features

#### Tools

- + Platform Builder and Visual Studio 2005 Development Tool Support
- + Customizable catalog

#### OAL

- + LogicLoader bootloader support (OS Launch, File System sharing, splash-screen)
- + Debug Ethernet / KITL, Debug Serial
- + Vector Floating Point acceleration
- + PMIC battery backed RTC

#### Advanced Features

- + \*Advanced Power Management (DVFS, Smart Reflex)
- + DSPLink
- + DSPLink Sample Applications and Code Composer Configuration scripts
- + \*CodecEngine (Provides DSP support for plug-in multimedia CODECs)

#### User Interface

- + Display Driver (Custom display support integration with LogicLoader)
- + 4-wire Touch
- + Audio Input/Output
- + \*2D/3D SGX PowerVR OpenGL



WINDOWS EMBEDDED CE 6.0 BSP RUNNING ON  
AN OMAP35X TORPEDO DEVELOPMENT KIT

### Product Features (continued)

#### Communications

- + 802.11b/g Wi-Fi (CSR UF1050)
- + Bluetooth (TI BRF6300)
- + Ethernet (10/100 LAN9217)
- + USB Host (ISP1760 USB 2.0 High Speed)
- + USB OTG (USB 2.0 High Speed)
- + Serial (UART, MCSPI, I2C, MCBSP)

#### Memory Support

- + MMC/SDIO (SDHC)
- + Memory CompactFlash
- + YAFFS2 – NAND Flash File System

### OMAP35x BSP :: HIGHLIGHTS:

- + Available in source code format<sup>1</sup>
- + \*Advanced Power Management
- + DSPLink with example DSP applications, user guide, and TI Code Composer configuration scripts

### LOGIC WEBSITE :: DESIGN RESOURCES:

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

### NOTES:

- (\*) Available soon, contact sales for more information.
- (1) The majority of the BSP is provided as source, a small number of components are not available as source.



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