Document Number: 926-77402
Rev. 2009.12, 02/2010

i.MX35 PDK
Windows® Embedded CE 6.0

Demo Image Readme

This document contains important information about the package contents and flashing procedures.

Contents

1 Release Contents

This is a release of the Freescale Semiconductor i.MX35 3-Stack Windows Embedded CE 6.0 SDK.

1.1 Supported Hardware

This package supports the i.MX35 3-Stack Rev. 2.2 board.

1.2 Supported Features in this Release

- Audio Player:
  - MP3
  - AAC
  - WMA
- Video/Audio Player:
  - avi (H.264+MP3) , (MPEG4+MP3)
  - mp4 (H.264+AAC) , (H.264+MP3), (MPEG4+MP3), (MPEG4+AAC)
  - asf (WMV+WMA)
- PCM encoding stream from WAV file:
  - MP3
  - WMA8
- Speech:
  - G.726
  - SBC
- Audio post-processing
  - Parametric EQ
  - Down mixer
  - ASRC
- Picture Viewer
  - BMP
  - GIF
  - JPEG
  - PNG
- Drivers
  - ASRC
  - Audio (SGTL5000)
  - Camera
  - CSPI1
  - WVGA
  - ESAI
  - I2C1
  - MCU

— SDHC1
— IPU Backlight
— MC13892Touch
— USB OTG
— USB Host
— ATA
— NAND Storage

1.3 Release Contents

The following table identifies the components of the SDK demo image package.

SDK Demo Image Package	Description
XLDR.nb0	NAND boot loader binary
XLDR.bin	NAND boot loader image
EBoot.nb0	EBOOT binary
Eboot.bin	EBOOT image
NK.bin	OS Kernel image
pdk2009_12_imx35_WinCE60_DemoImage_Readme.pdf	This file.
pdk2009_12_imx35_WinCE60_UG.pdf	SDK User Guide

Note

This package contains 2 images sets one for the K9LAG08U0M NAND and other for the K9LBG08U0D NAND the supported features in each set are the same.

2 Flashing Procedures

The i.MX35 3-Stack Windows Embedded 6.0 SDK Demo image flashing sequence is:

XLDR > **EBOOT** > **Kernel OS image**.

For the step-by-step description of the flashing procedures, see Chapter 5 of the *i.MX35 PDK Windows Embedded CE 6.0 User's Guide*.

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Rev.2009.12
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