

i.MX31 PDK 1.4

Windows CE 5.0

Demo Image Readme

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

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1 Release Contents

This is a release of the Freescale Semiconductor i.MX31 3-Stack Windows CE 5.0 SDK.

1.1 Supported Hardware

This package supports the i.MX31 3-Stack Rev. C board.

1.2 Supported Features

- Audio Player demo test: proper playback for two minutes per stream
 - MP3
 - AAC
 - aacPlus
 - WMA
- Video/Audio Player demo test: proper playback for two minutes per stream
 - AVI (H.264+MP3)
 - AVI (MPEG4+MP3)
 - MP4 (H.264+AAC)
 - MP4 (H.264+MP3)
 - MP4 (MPEG4+MP3)
 - MP4 (MPEG4+AAC)
 - ASF (WMV+WMA)
- PCM encoding demo: encode two minutes stream from WAV file
 - MP3
 - WMA8
- Picture Viewer
 - BMP
 - GIF
 - JPEG
 - PNG
- FM Receiver
- Camera
- TV-Out

1.3 Release Contents

The following table identifies the components of the 3-Stack hardware kit.

3-Stack Hardware Kit Component	Description
XLDR.nk0	NAND boot loader
EBoot.bin	EBOOT
NK.bin	OS Kernel image
pdk14_imx31_WinCE50_DemoImage_Readme.pdf	This file

2 Flashing Procedures

The i.MX31 3-Stack Windows CE 5.0 Demo image flashing sequence is as follows:

XLDR > EBOOT > Kernel OS image

For step-by-step instructions, see Chapter 5 of the *i.MX31 PDK 1.4 Windows CE 5.0 User's Guide*.

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