

# **i.MX31 PDK Windows® Embedded CE 6.0**

## **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 Embedded CE 6.0 SDK.

### **1.1 Supported Hardware**

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



## 1.2 Supported Features in this Release

- Audio Player Demo Test: proper playback for 2 minutes per stream
  - MP3
  - AAC
  - aacPlus
  - WMA
- Video/Audio Player Demo Test: proper playback for 2 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)
  - mpg(MPEG2+MP3)
- PCM encoding Demo: encode 30 seconds stream from WAV file
  - MP3
  - WMA8
- Picture Viewer
  - BMP
  - GIF
  - JPEG
  - PNG
- FM receiver
- Camera
- TV-Out
- Wi-Fi
- Accelerometer Demo Application

## 1.3 Release Contents

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

3-Stack Hardware Kit Component	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
pdk15_imx31_WinCE60_DemoImage_Readme.pdf	This file.

## 2 Flashing Procedures

The i.MX31 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.MX31 PDK 1.4 Windows Embedded CE 6.0 User's Guide*.

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