

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	1
1.1	Supported Hardware	1
1.2	Supported Features in this Release	2
1.3	Release Contents	3
2	Flashing Procedures	3

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*.

How to Reach Us:

Home Page:

www.freescale.com

Web Support:

<http://www.freescale.com/support>

USA/Europe or Locations Not Listed:

Freescale Semiconductor
Technical Information Center, EL516
2100 East Elliot Road
Tempe, Arizona 85284
+1-800-521-6274 or +1-480-768-2130
www.freescale.com/support

Europe, Middle East, and Africa:

Freescale Halbleiter Deutschland GmbH
Technical Information Center
Schatzbogen 7
81829 Muenchen, Germany
+44 1296 380 456 (English)
+46 8 52200080 (English)
+49 89 92103 559 (German)
+33 1 69 35 48 48 (French)
www.freescale.com/support

Japan:

Freescale Semiconductor Japan Ltd.
Headquarters
ARCO Tower 15F
1-8-1, Shimo-Meguro, Meguro-ku,
Tokyo 153-0064, Japan
0120 191014 or +81 3 5437 9125
support.japan@freescale.com

Asia/Pacific:

Freescale Semiconductor China Ltd.
Exchange Building 23F
No. 118 Jianguo Road
Chaoyang District
Beijing 100022
China
+86 010 5879 8000
support.asia@freescale.com

For Literature Requests Only:

Freescale Semiconductor Literature Distribution
Center
P.O. Box 5405
Denver, Colorado 80217
1-800-441-2447 or 303-675-2140
Fax: 303-675-2150
LDCForFreescaleSemiconductor@hibbertgroup.com

Information in this document is provided solely to enable system and software implementers to use Freescale Semiconductor products. There are no express or implied copyright licenses granted hereunder to design or fabricate any integrated circuits or integrated circuits based on the information in this document.

Freescale Semiconductor reserves the right to make changes without further notice to any products herein. Freescale Semiconductor makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does Freescale Semiconductor assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation consequential or incidental damages. "Typical" parameters that may be provided in Freescale Semiconductor data sheets and/or specifications can and do vary in different applications and actual performance may vary over time. All operating parameters, including "Typicals", must be validated for each customer application by customer's technical experts. Freescale Semiconductor does not convey any license under its patent rights nor the rights of others. Freescale Semiconductor products are not designed, intended, or authorized for use as components in systems intended for surgical implant into the body, or other applications intended to support or sustain life, or for any other application in which the failure of the Freescale Semiconductor product could create a situation where personal injury or death may occur. Should Buyer purchase or use Freescale Semiconductor products for any such unintended or unauthorized application, Buyer shall indemnify and hold Freescale Semiconductor and its officers, employees, subsidiaries, affiliates, and distributors harmless against all claims, costs, damages, and expenses, and reasonable attorney fees arising out of, directly or indirectly, any claim of personal injury or death associated with such unintended or unauthorized use, even if such claim alleges that Freescale Semiconductor was negligent regarding the design or manufacture of the part.

Freescale and the Freescale logo are trademarks or registered trademarks of Freescale Semiconductor, Inc. in the U.S. and other countries. All other product or service names are the property of their respective owners.

© Freescale Semiconductor, Inc. 2008 - 2010. All rights reserved.

