

Customer Notification

AP-78K0SKX1-EE

Applilet2[®] for 78K0S/Kx1+

Device Driver Configurator

Operating Precautions

78K0S/Kx1+ Series

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Table of Contents

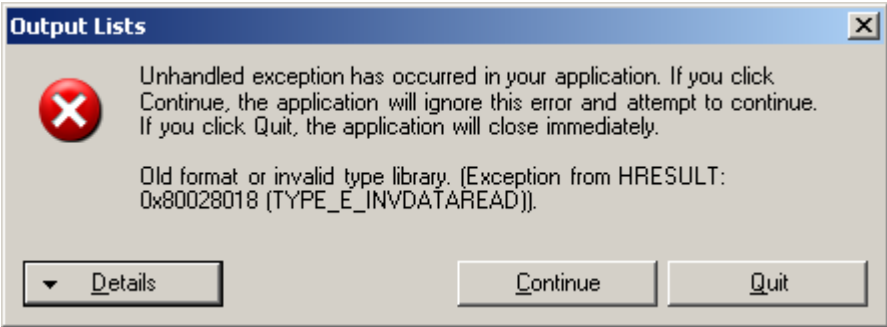
Table of Contents	3
(A) Table of Operating Precautions for AP-78K0SKX1-EE	4
(B) Description of Operating Precautions for AP-78K0SKX1-EE.....	5
(C) Supported Devices.....	8
(D) Supported Operating Systems	8
(E) Valid Specification	9
(F) Revision History.....	9

(A) Table of Operating Precautions for AP-78K0SKX1-EE

No.	Outline	Version	AP-78K0SKX1-EE					
			V2.41					
A1	Generation of an output file list in Excel format is not possible		x					
A2	IAR Systems Compiler Warning [Pe550]: variable "xxx" was set but never used		x					
A3	IAR Systems Compiler Warning [Pe186]: pointless comparison of an unsigned integer		x					

- x: Applicable
- ✓: Not applicable
- : Not checked

(B) Description of Operating Precautions for AP-78K0SKX1-EE

<p>No. A1</p>	<p>Generation of an output file list in Excel format is not possible</p> <p><u>Details</u></p> <p>Generation an output file list in Excel format may generate unhandled exception error.</p> <p><u>Example</u></p> <p>Select the menu item 'File' -> 'Ouput List...' and select output file type 'Excel File (*.xls)'. Pressing the 'Generate' button causes an error similar to the following one:</p>  <p><u>Workaround</u></p> <p>Generate a CSV-file and import this file in Excel</p>
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No. A2	IAR Systems Compiler Warning [Pe550]: variable "xxx" was set but never used
	<p><u>Details</u></p> <p>The generated code by Applilet for the IAR Systems 78K compiler may cause a warning message Pe550 about setting but not using a local variable.</p> <p><u>Example</u></p> <pre data-bbox="336 465 911 752">#pragma vector = INTSRE6_vect __interrupt void MD_INTSRE6(void) { UCHAR err_type; UCHAR rx_err; err_type = ASIS6; rx_err = RXB6; UART6_ErrorCallback(err_type); }</pre> <p><u>Workaround</u></p> <p>Use the #pragma diag_suppress directive to suppress this warning for specific source code lines:</p> <pre data-bbox="336 936 911 1270">#pragma vector = INTSRE6_vect __interrupt void MD_INTSRE6(void) { UCHAR err_type; #pragma diag_suppress=Pe550 UCHAR rx_err; #pragma diag_default=Pe550 err_type = ASIS6; rx_err = RXB6; UART6_ErrorCallback(err_type); }</pre>

No. A3	IAR Systems Compiler Warning [Pe186]: pointless comparison of an unsigned integer
	<p><u>Details</u></p> <p>The generated code by Applilet for the IAR Systems 78K compiler may cause a warning message Pe186 about a pointless comparison of an unsigned integer with zero.</p> <p><u>Example</u></p> <pre> MD_STATUS AD_SelectADChannel(enum ADChannel channel) { MD_STATUS status = MD_OK; if ((channel >= ADCHANNEL0) && (channel <= ADCHANNEL3)) { ADS = channel; } else { status = MD_ARGERROR; } return (status); } </pre> <p><u>Workaround</u></p> <p>Use the #pragma diag_suppress directive to suppress this warning for specific source code lines:</p> <pre> MD_STATUS AD_SelectADChannel(enum ADChannel channel) { MD_STATUS status = MD_OK; #pragma diag_suppress=Pe186 if ((channel >= ADCHANNEL0) && (channel <= ADCHANNEL3)) #pragma diag_default=Pe186 { ADS = channel; } else { status = MD_ARGERROR; } return (status); } </pre>

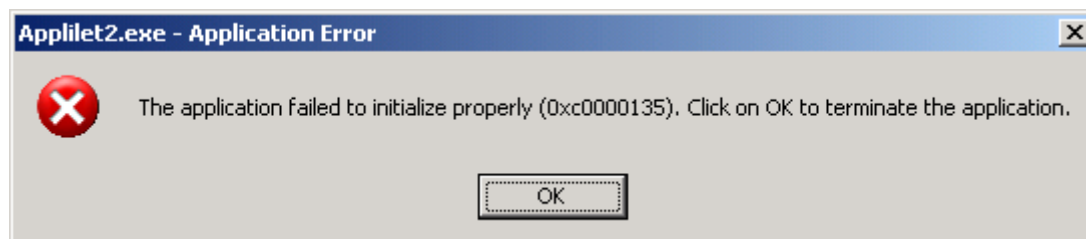
(C) Supported Devices

ROM [KB]	78K0S/KU1+	78K0S/KY1+	78K0S/KA1+	78K0S/KB1+	
	10 pin	16 pin	20 pin	30 pin	32 pin
8	---	---	---	78F9534	78F9534
				78F9234	78F9234
4	78F9502	78F9512	78F9522	78F9532	78F9532
	78F9202	78F9212	78F9222	78F9232	78F9232
2	78F9501	78F9511	78F9521	---	---
	78F9201	78F9211	78F9221		
1	78F9500	78F9510	---	---	---
	78F9200	78F9210			

Supported
Restricted support
Not supported

(D) Supported Operating Systems

Applilet supports Windows 2000, Windows XP and Windows Vista.
 For operation the Microsoft .NET Framework Version 2.0 Redistributable Package is necessary.
 If the Microsoft .NET Framework Version 2.0 Redistributable Package is not installed, the following Windows error message will occur during the installation:



The Microsoft .NET Framework Version 2.0 Redistributable Package can be downloaded from the Microsoft Corporation WEB Site: <http://www.microsoft.com/downloads>

Download Package: .NET Framework Version 2.0 Redistributable Package (x86)

And, please use .NET Framework version 2.0 Redistributable package with latest patches.

(E) Valid Specification

Item	Date published	Document No.	Document Title
1	October 2008	-----	Applilet2 (78K0/Kx2) User Guide
2	October 2008	-----	API Help
3	January 2008	U18172EJ2V0UD00	78K0S/KU1+ User's Manual (μPD78F920x)
4	February 2008	U18681EJ2V0UD00	78K0S/KU1+ User's Manual (μPD78F950x)
5	January 2008	U16994EJ5V0UD00	78K0S/KY1+ User's Manual (μPD78F921x)
6	January 2007	U18372EJ1V0UD00	78K0S/KY1+ User's Manual (μPD78F951x)
7	January 2008	U16898EJ5V0UD00	78K0S/KA1+ User's Manual (μPD78F922x)
8	January 2008	U17446EJ4V0UD00	78K0S/KB1+ User's Manual (μPD78F923x)

(F) Revision History

Edition	Date published	Document No.	Comment
1	08-10-2008	UxxxxxEE1V0IF00	First release.