

Customer Notification

AP-78K0LX3-EE

Applilet2[®] for 78K0/Lx3

Device Driver Configurator

Operating Precautions

78K0/Lx3 Series

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(A) Table of Operating Precautions for AP-78K0LX3-EE

No.	Outline	Version	AP-78K0LX3-EE					
			V2.41					
A1	The segment key scanning function of LCD is not unsupported.		x					
A2	LCD controller: Gate voltage boost configuration may be disabled		x					
A3	Compiler warning about pointless comparison is generated.		x					
A4	Internal high-speed oscillation trimming register (HIOTRM) is not supported.		x					
A5	Setting of LCD segment number is not supported.		x					

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

(B) Description of Operating Precautions for AP-78K0LX3-EE

No. A1	The segment key scanning function of LCD is not supported														
	<p><u>Details</u> The segment key scanning function of LCD is not unsupported.</p> <p><u>Workaround</u> None, this is a limitation.</p>														
No. A2	LCD controller: Gate voltage boost configuration may be disabled														
	<p><u>Details</u> If the gate voltage boost configuration is disabled, so that the user can not modify it, please check the decimal symbol in the Windows 'Regional and Language Options'. If necessary please change the character to '.'</p> <p><u>Workaround</u> None.</p>														
No. A3	Compiler warning about pointless comparison is generated.														
	<p><u>Details</u> A compiler warning about pointless comparison (Warning:Warning[Pe186]: pointless comparison of unsigned integer with zero) is generated, because an enumeration constant is compared with argument of function. The problem occurs in the following files:</p> <table> <thead> <tr> <th>File name</th> <th>API name</th> </tr> </thead> <tbody> <tr> <td>system.c</td> <td>CG_SelectStabTime</td> </tr> <tr> <td>system.c</td> <td>CG_ChangeFrequency</td> </tr> <tr> <td>ad.c</td> <td>DSAD_SelectChannel</td> </tr> <tr> <td>clockout.c</td> <td>BUZ_ChangeFreq</td> </tr> <tr> <td>lvi.c</td> <td>LVI_SetLVILevel</td> </tr> <tr> <td>rtc.c</td> <td>RTC_IntervallInterruptEnable</td> </tr> </tbody> </table> <p><u>Example:</u> DSAD_SelectChannel</p> <pre>if ((channel >= DS0) && (channel <= DS2))</pre> <p><u>Workaround</u> None, this is a limitation.</p>	File name	API name	system.c	CG_SelectStabTime	system.c	CG_ChangeFrequency	ad.c	DSAD_SelectChannel	clockout.c	BUZ_ChangeFreq	lvi.c	LVI_SetLVILevel	rtc.c	RTC_IntervallInterruptEnable
File name	API name														
system.c	CG_SelectStabTime														
system.c	CG_ChangeFrequency														
ad.c	DSAD_SelectChannel														
clockout.c	BUZ_ChangeFreq														
lvi.c	LVI_SetLVILevel														
rtc.c	RTC_IntervallInterruptEnable														

No. A4	Internal high-speed oscillation trimming register (HIOTRM) is not supported.
	<p><u>Details</u> Internal high-speed oscillation trimming register (HIOTRM) is not supported.</p> <p><u>Workaround</u> None, this is a limitation.</p>

No. A5	Setting of LCD segment number is not supported.
	<p><u>Details</u> The number of terminal segments used by the LCD controller cannot be selected. When LCD controlled is enabled (-> selection "Uses"), all terminal segments are used.</p> <p><u>Workaround</u> None, this is a limitation.</p>

(C) Supported Devices

ROM [KB]	78K0/LC3	78K0/LD3	78K0/LE3	78K0LF3
	48 pin	52 pin	64 pin	80 pin
60	---	---	78F0445 78F0455 78F0465	78F0475 78F0485 78F0495
48	---	---	78F0444 78F0454 78F0464	78F0474 78F0484 78F0494
32	78F0403 78F0413	78F0423 78F0433	78F0443 78F0453 78F0463	78F0473 78F0483 78F0493
24	78F0402 78F0412	78F0422 78F0432	78F0442 78F0452 78F0462	78F0472 78F0482 78F0492
16	78F0401 78F0411	78F0421 78F0431	78F0441 78F0451 78F0461	78F0471 78F0481 78F0491
8	78F0400 78F0410	78F0420 78F0430	---	---

Supported
Restricted support
Non.supported

(D) Valid Specification

Item	Date published	Document No.	Document Title
1	May 2008	-----	Applilet2 (78K0/Lx3) User Guide
2	May 2008	-----	API Help

(E) Revision History

Edition	Date published	Document No.	Comment
1	03-06-2008	U19299EE1V0IF00	First release.