

TimeCraft Network Element Craft Software System Release Notice

INTRODUCTION

This System Release Notice (SRN) describes the new features of Microchip's TimeCraft Network Element Craft Software, version 2.6.5a. It includes system requirements, new platform features, resolved and known issues, supported network elements for Microchip products, install, uninstall, and firmware upgrade procedures, and technical support contact information. In addition to this release notice, the TimeCraft Release 2.6.2 User's Guide (PN 098-00641-262) is located in the downloadable zip file.

Precautions

Please read Installing TimeCraft Application and Uninstalling TimeCraft Application before attempting to install version 2.6.5a release.

- If earlier versions of TimeCraft (2.2 or earlier) exists on the target system, the user should backup the connections and properties files and then uninstall the existing installation. After uninstallation of the earlier version, TimeCraft 2.6.5a can be installed as a full installation.
- If no installation of TimeCraft exists, the setup installs TimeCraft 2.6.5a.
- If TimeCraft 2.3, 2.3.1, 2.4, 2.5, 2.6, 2.6.1, 2.6.2, 2.6.3, 2.6.4, or 2.6.5 exists, then uninstall older version and install 2.6.5a after removing the residual files from system.

Notes

Use the following steps to backup connections:

- 1. Open Windows Explorer and browse to the TimeCraft installed location (Default is "C:\Program Files\Symmetricom\TimeCraft").
- 2. Copy the connections folder to another location.
- 3. Uninstall earlier version of TimeCraft.
- 4. Install TimeCraft 2.6.5a.
- 5. Copy the Connections folder to the TimeCraft installed location (Default is "C:\Program Files\Microsemi\Time-Craft" on 32 bit OS, and "C:\Program Files (x86)\Microsemi\TimeCraft" in case of 64 bit OS).

To migrate the connections created in TimeCraft 2.2 and earlier version, you can use Windows Explorer to create the directories with the following steps:

- 1. Open Windows Explorer and browse to the Connections folder in the TimeCraft installation location (Default is "C:\Program Files\Symmetricom\TimeCraft").
- 2. Create sub folders to reflect site/location as desired.
- 3. Move the connection files in the connection folder created in TimeCraft 2.2 or earlier to the created sub folders.

To verify that the connections were properly created, start the TimeCraft application, select the *Connection* menu item and click *Open Connection*. The connections should appear in the folder trees.

SYSTEM REQUIREMENTS

The following are the recommended minimal requirements to support this product:

- Operating Systems:
 - Windows[®] XP
 - Windows 7 32-bit and 64-bit
 - Windows 8 64-bit
- 1 GHz Pentium Processor
- 512 MB RAM
- 1 GB Free Disk Space
- 8x CD-ROM drive

SVGA display (minimum screen resolution set at 1280 x 1024)

NEW PLATFORM FEATURES

The following changes and additions were made in this release. SSU 2000 7.3.1 connectivity

RESOLVED ISSUES

There are no resolved issues with this release.

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1.0 KNOWN ISSUES AND WORKAROUND

This section lists the known workaround and the operating constraints, with and without the workaround.

Known Issues	Workaround
TimeCraft 2.6.5a is not able to connect to SSU 2000 7.3.1 version if existing TimeCraft version is upgraded with newer version.	Uninstall TimeCraft using windows "Program and Feature" option, and remove all residual files from "C:\Program Files (x86)\Microsemi\TimeCraft" and Install TimeCraft 2.6.5a.
On Windows 10 or Windows 8.1 TimeCraft 2.6.5a may not be able to connect to Legacy SSU 2000 COMM firmware's.	Even after enabling "telnet client" feature on Windows 10 or 8.1, TimeCraft is not able to connect SSU 2000. To resolve this, fol- low below recommendation suggested by Microsoft and reboot windows PC.
	allwindows-cannot-find-telnet-make-sure-you-typed- thea5ea2bdd-8c20-42a9-b3b4-0402b4e19769
A user newly created by TimeCraft could not access SSU-2000 with TimeCraft using the serial port.	Use Ethernet connection or Procomm or equivalent to set up user.
10848: PTP Client list from a PTP Blade in SSU-2000 is not displayed with TimeCraft 2.5 with SSU-2000 users level 2 and 3.	Use TL-1 or ICS commands to get PTP client list instead of TimeCraft.
10246: It is not possible to open a TimeCraft tel- net session with Windows 7.	 By default, Windows 7 does not enable telnet client utility. Users needs to turn on telnet features manually. Follow below instruction to enable telnet client utility on Windows 7: Click <i>Start</i>, and then click <i>Control Panel</i>. On the <i>Control Panel</i> Home page, click <i>Programs</i>. In the <i>Programs and Features</i> section, click <i>Turn Windows features on or off</i>. If the <i>User Account Control</i> dialog box appears, confirm that the action it displays is what you want, and then click <i>Continue</i>. In the <i>Windows Features</i> list, select <i>Telnet Client</i>, and then click <i>OK</i>.
When a number of autonomous (AO) events/ alarms are reported from the TimeHub system, TimeCraft will temporarily suspend activity retrieving NTP/PTP card information. Once the autonomous outputs have stopped, TimeCraft will recover from the suspended state.	Wait until all the autonomous events/alarms from TimeHub have stopped. TimeCraft will retrieve the required user data after recovering from the suspended state. This may take a few min- utes.
SSU 2000 6.2—After opening the connection, the SNMP v2 and v3 manager information is displayed incorrectly.	Click Refresh to update the SNMP v2/v3 manager details.
SSU 2000 6.2—While restoring the incorrect configuration file, the "Restore Successfully" TimeCraft prompt displays.	
On the Help page, printing cannot be cancelled by clicking the Cancel button.	
The SSU 2000/2000e module's removal or insert status is not shown properly.	To minimize this issue, manually refresh the module and avoid multiple removal and insertion cycles.

Known Issues	Workaround
23791: After TimeCraft is connected to an SSU 2000/2000e with a TCP/IP connection for a long period of inactivity (24 hours), TimeCraft is slow to update changes. However, the TL1 commands continue to work.	Restart TimeCraft so that response time returns to normal and commands are executed and updated quickly. If an open con- nection is needed for a long period of inactivity, use a serial port connection.
User may observe that TimeCraft is slow in con- necting to the SSU 2000/2000e NE because the auto refresh interval is 1 minute by default.	Change the auto refresh interval to 5 or 10 minutes. Click on the System Configuration tree node, then click the <i>Edit</i> button in the Refresh panel to bring up the Edit Refresh Configuration dialog box. Change the Refresh Interval to 5 or 10 minutes, then click the <i>OK</i> button to finish.
The user may sometimes notice that TimeCraft does not appear to communicate with the SSU 2000 correctly.	Refresh the NE connection by clicking on the Refresh Connec- tion menu item in the Connection menu.
During TimeCraft firmware legacy upload for SSU 2000/2000e, the module option "all" should only select all likely modules with related firm- ware. For example, all DS1 output modules should be selected when the firmware upload is 01700E00.dn1. However, the TimeCraft upload process will go through all modules in the shelf.	
TimeCraft does not have option to configure output PQL.	Use CLI command (OUTPUT xAy PQL {0 {1-16}}) or use below appropriate. TL1 command to set output PQL: • SET-PRMTR-OUTPUT • SET-PRMTR-OUT422 • SET-PRMTR-OUTE1208 • SET-PRMTR-OUTSINE
 Manufacturing Discontinued Products: (OT-21) The SID is reported by the OT-21 in quotes even though quotes haven't been entered which is reflected by TimeCraft. A new SID should be entered without quotes. (TSG3800) In the Security Window, press- ing "Enable Security" requires closing the connection, editing the connection with login information, then connecting to the unit again. (TSG3800) It is recommended that the information in the Help File be supple- mented with information in the TSG3800 User Manual as in certain cases informa- tion in the Help File is brief. (TSG3800, PRR10) In certain cases graph- ics are incomplete. (PRR10) Parameters can be configured from the primary module only. 	Use a TCP/IP connection.
 (TSG3800) 23823: No TSG-3800 serial port connectivity after user id is added. 	

2.0 SUPPORTED NETWORK ELEMENTS—SUPPORT MATRIX

The following table provides a list of the current supported hardware and firmware revisions. Refer to the System Release Notice (SRN) for firmware versions and compatibility for the product and particular release version you are using.

System	Versions
TimeProvider 1000/1100	1.0, 2.1, 2.2, 3.0, 3.1, 3.1.1, 3.2, 3.3, 3.4
SSU 2000	4.1, 4.2, 5.1, 6.0. 6.1.1, 6.2, 6.3, 6.4, 7.0, 7.1, 7.2, 7.2.5, 7.3, 7.3.1
TimeHub	R4209C, R4315C, R4328E, 3.2.2, 4.1.3, 5.0.5, 6.0, 6.1
TimeSource 3500/3000	1.06.06, 1.06.07, 1.06.10, 1.07.02, 1.07.04, 1.07.06
TimeSource 3600/3100	1.06.04, 1.06.09, 1.06.11, 1.07.05
ePRTC/TimeSource 3x50	1.0, 2.0, 2.1.1, 2.1.7

3.0 INSTALLING TIMECRAFT APPLICATION

Notes:

- Administrative privileges may be required to install this product.
- Please read this procedure and Uninstalling TimeCraft Application before attempting to install this release.
- TimeCraft 2.3, TimeCraft 2.4, TimeCraft 2.5 or TimeCraft 2.6 can be upgraded using TimeCraft 2.6.5. TimeCraft 2.6.5 a is not upgradable for TimeCraft 2.6.5 or earlier versions. If earlier versions of TimeCraft (2.6.5 or earlier) exists on the target system, before installing TimeCraft 2.6.5a, save the connections folders and then ensure that all earlier versions of TimeCraft have been uninstalled.
- Follow the procedure for uninstallation in Uninstalling TimeCraft Application.
- If TimeCraft 2.3, 2.2, 2.1, or 2.0 is to be re-installed for some reason, TimeCraft 2.6.5 must be uninstalled first. Refer to Uninstalling TimeCraft Application. This helps avoid registry or directory conflicts due to known issues with the TimeCraft Installer.

Use the following procedure to install TimeCraft:

- 1. Insert the CD-media into the CD-ROM drive.
- 2. Open the CD-ROM folder and double-click on Setup.exe.
- 3. When the installer Welcome screen appears, click Next.

TimeCraft - InstallShield Wizard	×
Welcome to the InstallShield Wizard for TimeCraft 2.60.2000 The InstallShield Wizard will install TimeCraft 2.60.20 The InstallShield Wizard will install TimeCraft 2.60.20	100 on
Microsemi (Back Next > Cance	

4. Click the *I accept the terms of the license agreement* radio button and then click *Next*.

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Please read the following license agree	ment carefully.	
Microsemi		^
Software License agreement		
PLEASE READ THIS DUCUMENT LA	AREFULLY BEFURE DUWNLUADING	AND
PLEASE READ TINES DOCUMENT OF USING SOFTWARE PROVIDED TO 5 CONTAINS THE TERMS AND COND LICENSE THE SOFTWARE. Microser to license the following software: Time(the terms and conditons contained in this license agr Software, you accept	SHEFULLY BEFURE JUWINLUADING YOU BY MICROSEMIAS IT TITONS BY WHICH MICROSEMI OFFE mi is willing Craft (Software), subject to your accept reement. By downloading, installing an	AND ERS TO ance of all dusing this
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a) SynCraft/TimeCraft Previous Version File Located:

If the Installer detects that a previous version of TimeCraft or SynCraft prior to version 2.2 is already installed, a message dialog appears stating that the application must be uninstalled before you can continue. Refer to the procedure Uninstalling TimeCraft Application.

If the SynCraft or TimeCraft Installer can't be located in the programs list, please go to the directory C:\Program Files\Symmetricom\ (or any directory where TimeCraft/SynCraft was installed) and locate the TimeCraft/SynCraft folder(s). The folder should include a "TimeCraftUninstall.exe" file, which can be used to uninstall the directory. Double-click on the "TimeCraftUninstall.exe" file to run it.

If the "TimeCraftUninstall.exe" file can't be located, manually delete the TimeCraft/SynCraft folders by dragging them to the Recycle Bin. Then follow the procedure Removing SynCraft / TimeCraft Files from System Registry to remove the SynCraft/TimeCraft files from the system registry.

b) TimeCraft 2.2 or later is present:

If the Installer detects that a previous version of TimeCraft or SynCraft later than or including version 2.2 is already installed, a message dialog appears prompting you to upgrade.

c) TimeCraft 2.6.5 Already Present:

If the installer detects that TimeCraft 2.6.5 is already present on the system, the following screen appears. Click the radio button for the appropriate task: Modify, Repair, or Remove. Click *Next* and follow the instructions on the screen.

5. Click the radio button for the appropriate task: Modify, Repair, or Remove. Click Next and follow the instructions on the screen.



Click *Browse* to navigate to a desired directory, or click *Next* to install TimeCraft in the default directory. The default directory is "C:\Program Files" on 32 Bit OS and "C:\Program Files (x86)" on 64 bit OS and the installer automatically creates the \Microsemi\TimeCraft directory.

where setup will install files. Il TimeCraft in the following folder. s folder, click Next. To install to a different fold 'older 'iles (x86)\Microseni\TimeCraft		
II TimeCraft in the following folder. s folder, click Next. To install to a different folc 'older 'iles (x86)\Microseni\TimeCraft		
s folder, click Next. To install to a different fold older illes (x86)\Microseni\TimeCraft		
°older °iles (x86)\Microseni∖TimeCraft	ər, click Browse	and select
°older °iles (x86)\Microseni\TimeCraft		
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Folder Files (x86)\Microseni\TimeCraft		
Files (x86)\Microseni\TimeCraft		5
		Browse

7. Click *Install* to continue.

The wizard is ready to begin installation.		
Click Install to begin the installation.		
If you want to review or change any of you wizard.	ur installation settings, click Ba	ack. Click Cancel to exit the

8. During installation, a status bar indicates the installation progress.

Tir	neCraft - Inst	allShield Wizard	×
Setup Status			
The InstallShield Wizard is ins	talling TimeCraft		
C:\Frogram Files (x86)\Micros	emi\TimeCraft\lib	\charsets.jar	
InstallShield			 Cancel

9. Select the Enable Advanced Security radio button, or the Disable Advanced Security radio button to enable or disable advanced security. If advanced security is enabled, the user is required to provide a user-name and password with each attempt to open a connection to a device. If advanced security is disabled, this information is stored on the computer so the user does not need to enter the user-name and password with each attempt to open a connection to a device. Then click the *Next* button.

l imeCraft Advanced Security			
TimeCraft allows you to enable Advar	nced Security. If this feature	e is selected, then use	rmame and
	-,, P		
Disable Advanced Security			
C Disable r dranosa occurry			

10. The InstallShield Wizard Complete screen appears when the installation is finished. Click the *Finish* button.

TimeCraft -	- InstallShield Wizard
CC OFC OFC OFC	InstallShield Wizard Complete
	The InstallShield Wizard has successfully installed TimeCraft. Click Finish to exit the wizard.
🛇 Microsemi.	< Back Finish Cancel

Note: After upgrading an existing installation of TimeCraft with 2.6.5 on Windows 7, copy the connection details which are stored in the user virtual store directory to the new installed location. The default directory is "C:\Program Files" on 32 Bit OS and "C:\Program Files (x86)" on 64 bit OS.

4.0 UPGRADING TIMECRAFT APPLICATION 2.3/2.4/2.5 OR 2.6 TO TIMECRAFT 2.6.5

This section describes how to upgrade the TimeCraft from version 2.3/2.4/2.5 or 2.6 to version 2.6.5.

Note: Upgrade to 2.6.5a is not supported in this release. Remove/uninstall existing TimeCraft and install 2.6.5a release.

Use the following procedure to upgrade TimeCraft 2.6.5:

- 1. Insert the CD-media into the CD-ROM drive.
- 2. Open the CD-ROM folder and double-click on Setup.exe.
- 3. When the upgrade confirmation dialog appears, click Yes.



4. When the installer Resume screen appears, click Next.

TimeCraft - InstallShield Wizard	
989 0 01 005 0 00 000 99155 20-40 20-40	Resuming the InstallShield Wizard for TimeCraft
	Wizard will complete the installation of TimeCraft on your computer. To continue, click Next.
🏷 Microsemi.	
	<back next=""> Cancel</back>

5. During upgrade, a status bar indicates the upgrade progress.

TimeCraft -	InstallShield Wizard ×
Setup Status	
The InstallShield Wizard is updating (2.60	1.1000) of TimeCraft to version 2.60.2000
Validating install	
InstallShield	Cancel

6. The InstallShield Wizard Update screen appears when the update is finished. Click the *Finish* button.

TimeCraft - InstallShield Wizard					
PORTS PORTS PORTS	Update Complete				
	The InstallShield Wizard has updated TimeCraft to version 2,60,2000.				
💟 Microsemi.					
	< Back Finish Cancel				

Note: After upgrading the existing TimeCraft application with 2.6.5 on Windows 7, copy the connection details which are stored under the user virtual store directory to the new installed location. The default directory is "C:\Program Files" on 32 Bit OS and "C:\Program Files (x86)" on 64 bit OS.

5.0 UNINSTALLING TIMECRAFT APPLICATION

Note: Before you uninstall either SynCraft or TimeCraft, if you want to retain your list of connections make a copy of the connections folder located in the \Program Files\Symmetricom\SynCraft or \TimeCraft directory. Move the copy of the connections folder out of the application directory so that it is not deleted during the uninstall. After you install TimeCraft, copy the connections folder to the "C:\Program Files\Microsemi\TimeCraft" directory on 32 Bit OS or "C:\Program Files (x86)\Microsemi\TimeCraft" directory on 64 Bit OS. Ensure that all TimeCraft window are closed before uninstalling TimeCraft.

Use the following procedure to uninstall the applications associated with TimeCraft:

Note: Use the standard Windows procedure for uninstalling a program. This should be repeated individually for every program.

There are two methods for uninstalling TimeCraft 2.6.5a as shown in Step 1 and Step 2:

1. Users can uninstall TimeCraft 2.6.5 by clicking "setup.exe" from the CD-ROM and choosing the *Remove* option in the TimeCraft Maintenance window and by clicking *Next*, then continue with Step 3; **OR** proceed with Step 2.

TimeCraft - Instal	IShield Wizard
Welcome Modify, repai	r, or remove the program.
Welcome to t installation. C	he TimeCraft Setup Maintenance program. This program lets you modify the current lick one of the options below.
🔘 Modify	
1	Select new program features to add or select currently installed features to remove.
© Repair	Reinstall all program features installed by the previous setup.
Remove	Remove all installed features.
	< Back Next > Cancel

- From the Start menu, select All Programs->Symmetricom->TimeCraft->UnInstall TimeCraft. Then continue with Step 3.
- 3. In the InstallShield Wizard screen, click **Yes** to remove the application and all features.

TimeCraft - InstallShield Wizard		X
Do you want to completely remove features?	e the selected application an	d all of its
	Yes	No

4. When the uninstall is complete, click *Finish*.

TimeCraft -	InstallShield Wiz	ard	
PORTS PORTS PORTS	Uninstall Comple	te	
	InstallShield Wizard	has finished unin	stalling TimeCraft.
🕥 Microsemi.			
		120.00	

- 5. Repeat these steps to remove any other installed applications.
- 6. Ensure the \Program Files\Symmetricom or \Program Files\Microsemi directory is empty after uninstallation. If a TimeCraft/Syncraft directory remains, open it. The directory should include a "TimeCraftUninstall.exe" file, which can be used to uninstall the directory. Double-click the "TimeCraftUninstall.exe" file to run it.
- 7. If you can't locate the "TimeCraftUninstall.exe" file, manually delete the TimeCraft/SynCraft folders by dragging them to the Recycle Bin.
 - **Note:** On Windows 7, after uninstalling TimeCraft some application files may still be present in the virtual store directory. This may cause TimeCraft to "remember" settings from a previous installation which has already been uninstalled. Therefore, for a clean uninstall, open the C:\Users\User_name\AppData\Local\Virtual-Store\MyApp folder, and then delete any obsolete application data.

6.0 REMOVING SYNCRAFT / TIMECRAFT FILES FROM SYSTEM REGISTRY

Cautions:

- Microchip recommends that the following procedure only be performed by Network/PC System Administrators.
- Be very careful when removing SynCraft or TimeCraft files from the registry. Please follow the instructions below very closely and carefully. Microchip is not responsible for any unintended deletion of registry files.
- If you have any questions or concerns about this procedure, please call Microchip for assistance. See Contacting Technical Support.

Use the following procedures to remove the SynCraft / TimeCraft Files from System Registry:

1. Click the *Start* button and select *Run*.



2. Type in "regedit" and then click the **OK** button.



a) The Registry Editor window appears.

Pile Edit New Parottes Pile Image: Construction Image: Constrution <th>🕷 Registry Editor</th> <th></th> <th></th> <th></th> <th></th> <th></th>	🕷 Registry Editor					
P Name Type Data P HARCUNSER P Hame Type Data P HARCUNSER HAR	File Edit View Favorites Help					
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		-				

3. Select *My Computer* from the left tree. Then select *Find* from the *Edit* menu (*My Computer > Edit > Find*).

💣 R	egistry Editor							
File	File Edit View Favorites Help							
Ξ.	New 🕨	^	Name	Type	Data			
	Permissions							
	Delete Del Rename							
	Copy Key Name							
	Find Ctrl+F Find Next F3							
	ControlSet002 CurrentControlSe Control Enum E	file Di Ne B- 16- 10						
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		E- 2- 2-						
	Abiosdsk abp480n5 ACPI ACPI							
	a Acriec	~						

4. Enter "SynCraft" or "TimeCraft" in the "Find what" field. Click the *Find Next* button and wait for the search result.

ind		?
Find what:	TimeCraft	Find Next
Look at		Cancel
Keys		
Values		
🔽 Data		

5. If any SynCraft or TimeCraft files are found, select them. Then right-click on the selected files and select **Delete** to remove them from the registry.

Caution: Be very careful when selecting SynCraft or TimeCraft files and deleting them from the registry. Microchip recommends that this process only be performed by Network/PC System Administrators. Microchip is not responsible for any unintended deletion of registry files.



6. Press *Find Next* (or F3) to continue the search, delete all findings. Repeat Steps 6 and 7 until all TimeCraft/Syn-Craft files are found and deleted.

7.0 CONTACTING TECHNICAL SUPPORT

If you encounter any difficulty installing the update or operating the product, contact Microchip Frequency and Time Division (FTD) Services and Support at:

U.S.A. Call Center:

Including Americas, Asia and Pacific Rim Microchip FTD Services and Support 3870 N. First Street San Jose, CA 95134 Toll-free in North America: 1-888-367-7966 (1-888-FOR-SYMM) Telephone: 408-428-7907 E-mail: ftd.support@microsemi.com Internet: www.microsemi.com/ftdsupport

Europe, Middle East, and Africa (EMEA) Call Center:

Microchip FTD Services and Support EMEA Altlaufstrasse 42 85635 Hoehenkirchen-Siegertsbrunn, Germany Telephone: +49 700 3288 6435 Fax: +49 8102 8961 533 E-mail: ftd.emeasupport@microsemi.com Internet: www.microsemi.com/ftdsupport

REVISION HISTORY

The revision history describes the changes that were implemented in the document. The changes are listed by revision, starting with the oldest publication.

Revision	Date	Description
A	09/2021	Initial Revision

THE MICROCHIP WEBSITE

Microchip provides online support via our WWW site at www.microchip.com. This website is used as a means to make files and information easily available to customers. Accessible by using your favorite Internet browser, the website contains the following information:

- **Product Support** Data sheets and errata, application notes and sample programs, design resources, user's guides and hardware support documents, latest software releases and archived software
- General Technical Support Frequently Asked Questions (FAQ), technical support requests, online discussion groups, Microchip consultant program member listing
- Business of Microchip Product selector and ordering guides, latest Microchip press releases, listing of seminars and events, listings of Microchip sales offices, distributors and factory representatives

CUSTOMER CHANGE NOTIFICATION SERVICE

Microchip's customer notification service helps keep customers current on Microchip products. Subscribers will receive e-mail notification whenever there are changes, updates, revisions or errata related to a specified product family or development tool of interest.

To register, access the Microchip website at www.microchip.com. Under "Support", click on "Customer Change Notification" and follow the registration instructions.

CUSTOMER SUPPORT

Users of Microchip products can receive assistance through several channels:

- Distributor or Representative
- Local Sales Office
- Field Application Engineer (FAE)
- Technical Support

Customers should contact their distributor, representative or Field Application Engineer (FAE) for support. Local sales offices are also available to help customers. A listing of sales offices and locations is included in the back of this document.

Note the following details of the code protection feature on Microchip products:

- Microchip products meet the specifications contained in their particular Microchip Data Sheet.
- Microchip believes that its family of products is secure when used in the intended manner, within operating specifications, and under normal conditions.
- Microchip values and aggressively protects its intellectual property rights. Attempts to breach the code protection features of Microchip product is strictly prohibited and may violate the Digital Millennium Copyright Act.
- Neither Microchip nor any other semiconductor manufacturer can guarantee the security of its code. Code protection does not
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