

## F<sup>2</sup>MC-8FX Family, 0.35µm and 0.18µm Installing MB2146-07-E

This Application Note helps to install drivers for MB2146-07-E and to patch Softune Workbench for 8FX to be able to use MB2146-07-E for debugging.

### Contents

1	Introduction.....	1	4	Document History.....	11
2	Automatic Installation .....	2			
3	Manual Installation.....	7			

### 1 Introduction

This Application Note helps to install drivers for MB2146-07-E and to patch Softune Workbench for 8FX to be able to use MB2146-07-E for debugging.

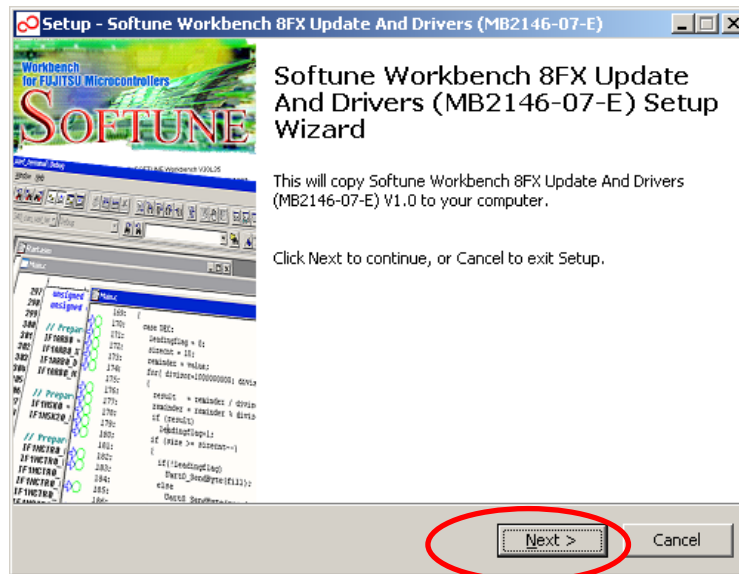
Minimum Requirements for Debugging (Softune V30L32R06):



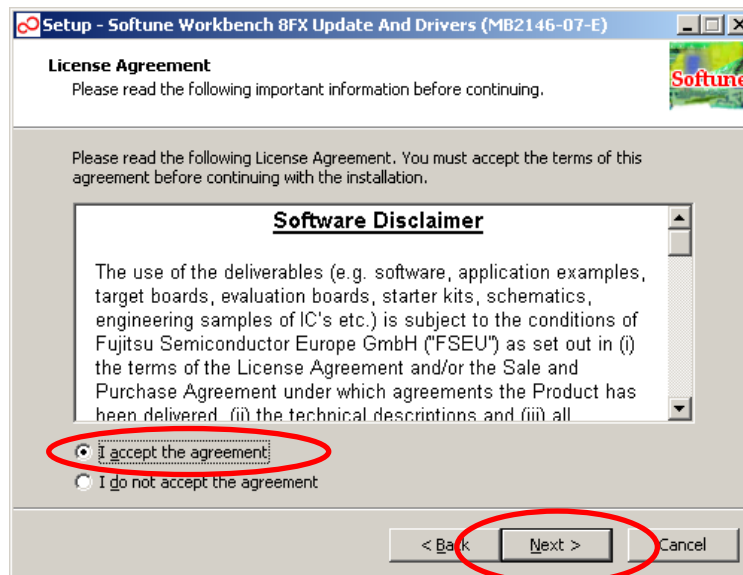
## 2 Automatic Installation

### Automatic Installation:

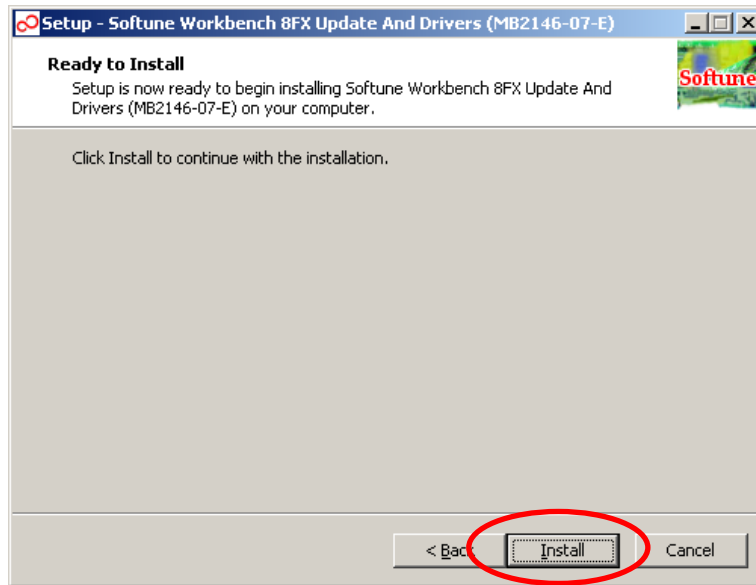
1. Open SWB\_8FX\_Update\_And\_Drivers\_MB2146-07-E\_VX.X.exe. Click "Next".



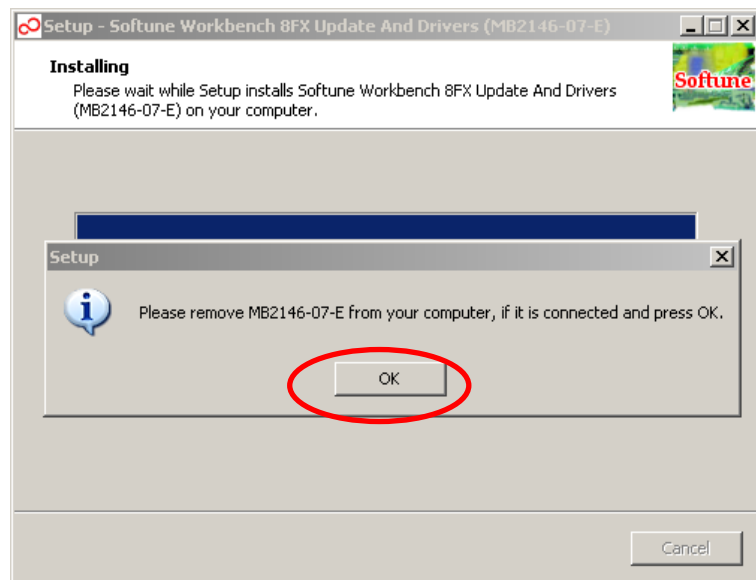
2. Read Disclaimer, accept it and click "Next"



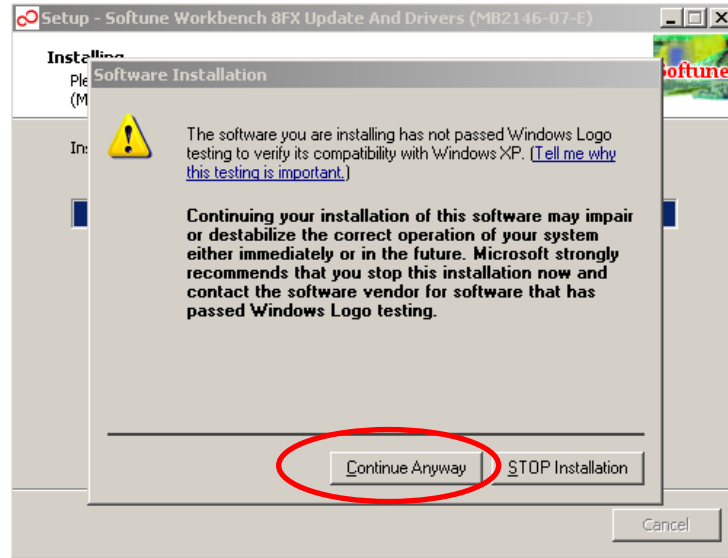
3. Now the installer is ready to install drivers and patches, click “Install”



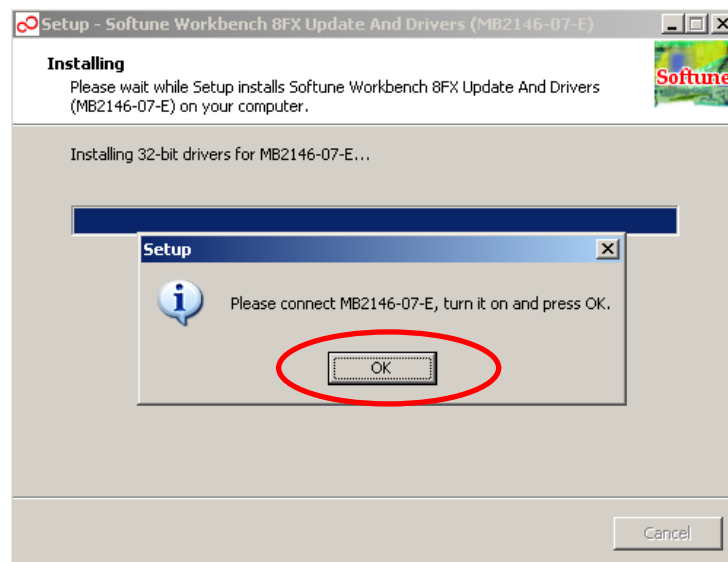
4. At following section, please remove MB2146-07-E and click “OK”



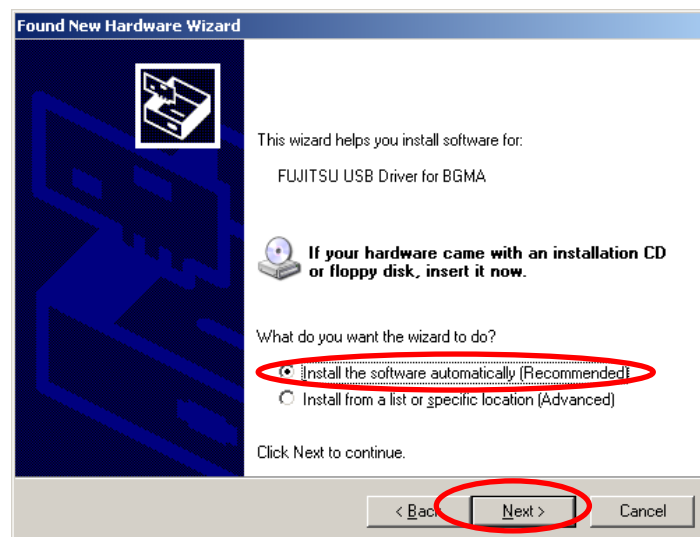
5. If Windows asks to install unsigned drivers, click “Continue Anyway”

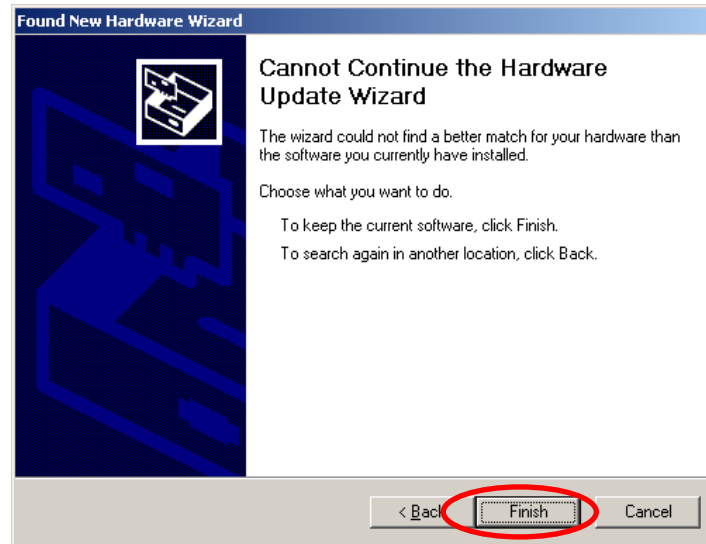


6. At following section, please connect MB2146-07-E, turn it on and click “OK”

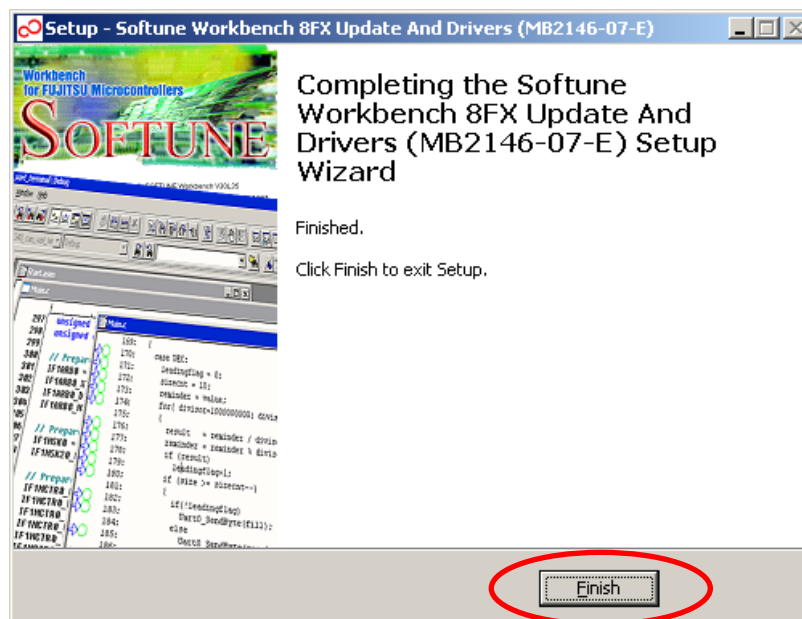


7. If Windows asks for installing drivers, go step-by-step as followed



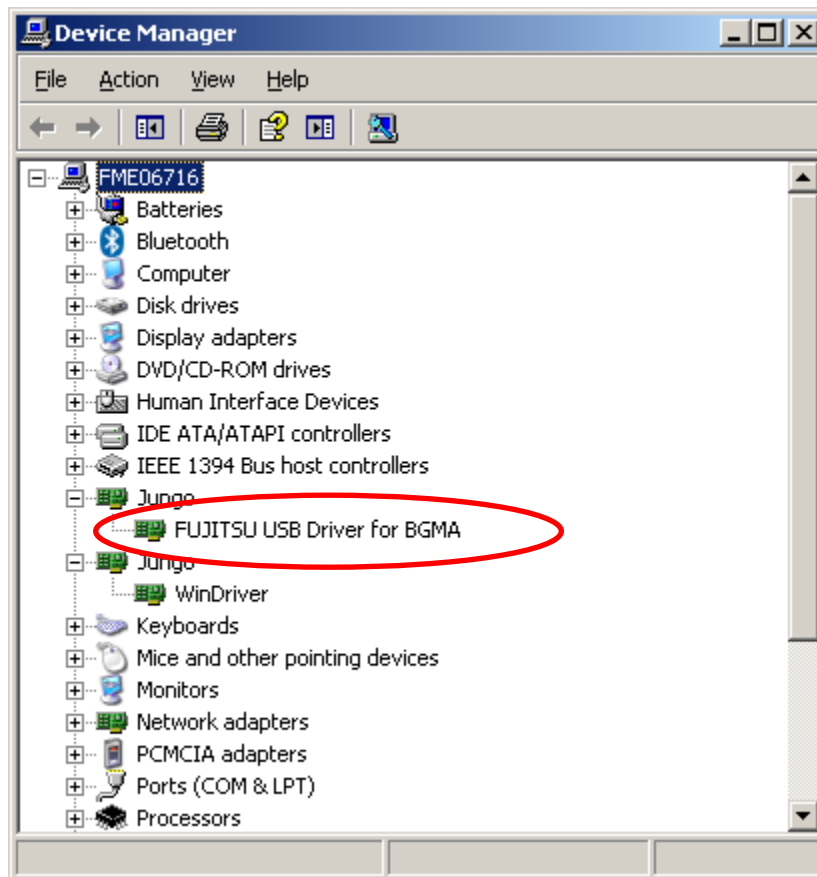


8. The BGM Adaptor is now installed and ready to use



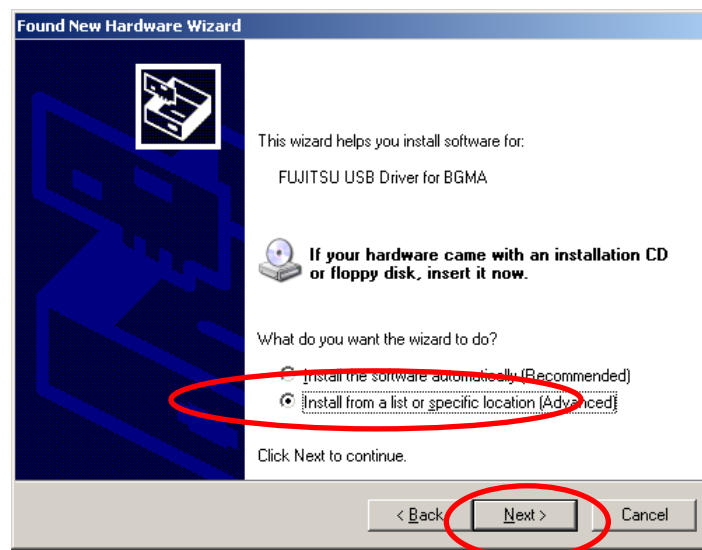
### 3 Manual Installation

Normally after automatic driver installation, the BGM adaptor is displayed in the device manager:



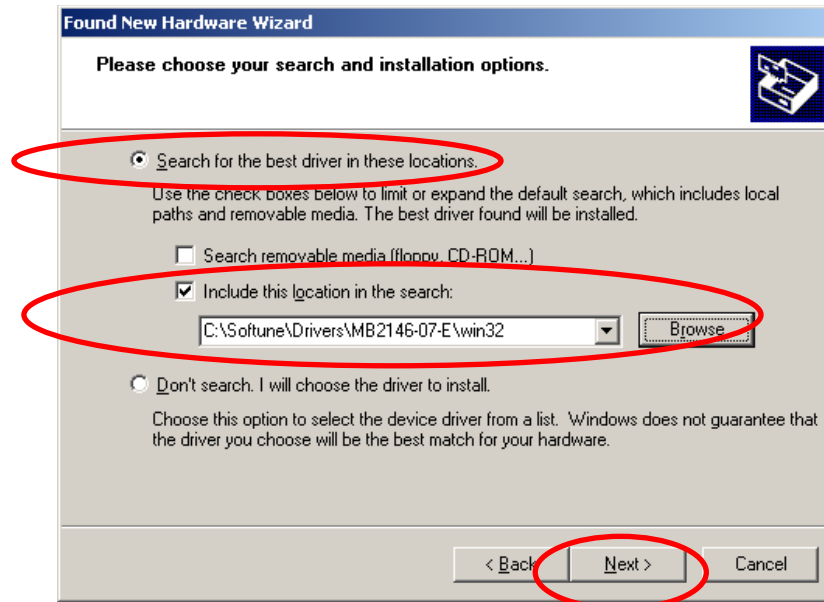
In case the BGM adaptor was not correctly installed, this can be done manually after *SWB\_8FX\_Update\_And\_Drivers\_MB2146-07-E\_VX.X.exe* was executed.

1. If Windows asks for installing drivers, go step-by-step as followed

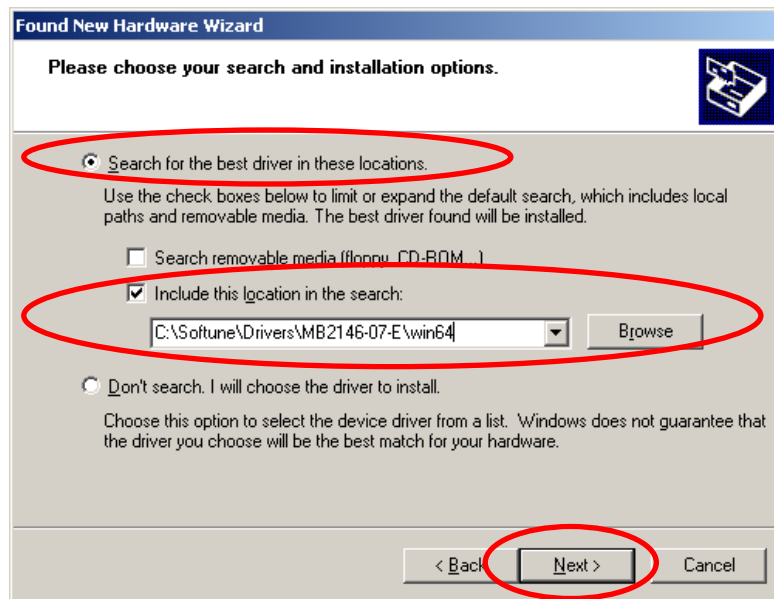




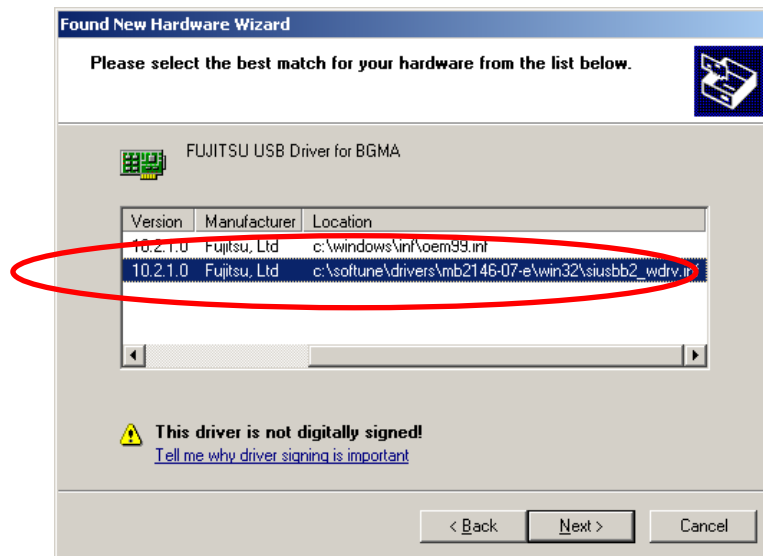
2. a) If you have 32-bit Windows, browse C:\Softune\Drivers\MB2146-07-E\win32 and click “Next”.



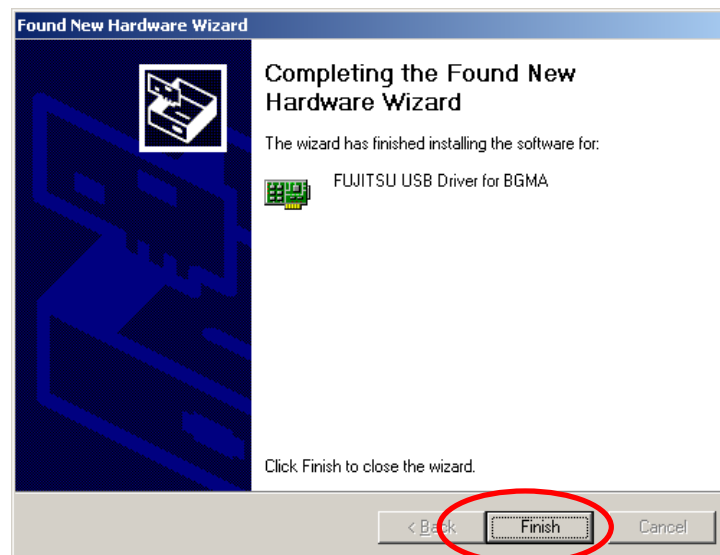
- (b) If you have 64-bit Windows, browse C:\Softune\Drivers\MB2146-07-E\win64 and click “Next”.



3. If following dialog appears, choose driver located in C:\Softune\Drivers\MB2146



4. Now the driver should be installed.



## 4 Appendix

Information about Cypress products can be found here

<http://www.cypress.com/spansionproducts>

## 5 Document History

Document Title: AN205230 - F<sup>2</sup>MC-8FX Family, 0.35μM and 0.18μM Installing MB2146-07-E

Document Number: 002-05230

Revision	ECN	Orig. of Change	Submission Date	Description of Change
**	-	AMYC	04/12/2012	Initial release
*A	5291771	AMYC	10/14/2016	Migrated Spansion Application Note MCU-AN-500138-E-V10 to Cypress format

## Worldwide Sales and Design Support

Cypress maintains a worldwide network of offices, solution centers, manufacturer's representatives, and distributors. To find the office closest to you, visit us at [Cypress Locations](#).

## Products

ARM® Cortex® Microcontrollers	<a href="http://cypress.com/arm">cypress.com/arm</a>
Automotive	<a href="http://cypress.com/automotive">cypress.com/automotive</a>
Clocks & Buffers	<a href="http://cypress.com/clocks">cypress.com/clocks</a>
Interface	<a href="http://cypress.com/interface">cypress.com/interface</a>
Lighting & Power Control	<a href="http://cypress.com/powerpsoc">cypress.com/powerpsoc</a>
Memory	<a href="http://cypress.com/memory">cypress.com/memory</a>
PSoC	<a href="http://cypress.com/psoc">cypress.com/psoc</a>
Touch Sensing	<a href="http://cypress.com/touch">cypress.com/touch</a>
USB Controllers	<a href="http://cypress.com/usb">cypress.com/usb</a>
Wireless/Rf	<a href="http://cypress.com/wireless">cypress.com/wireless</a>

## PSoC® Solutions

[PSoC 1](#) | [PSoC 3](#) | [PSoC 4](#) | [PSoC 5LP](#)

## Cypress Developer Community

[Forums](#) | [Projects](#) | [Videos](#) | [Blogs](#) | [Training](#) | [Components](#)

## Technical Support

[cypress.com/support](http://cypress.com/support)

PSoC is a registered trademark and PSoC Creator is a trademark of Cypress Semiconductor Corporation. All other trademarks or registered trademarks referenced herein are the property of their respective owners.

 <p><b>CYPRESS</b> Embedded in Tomorrow™</p>	Cypress Semiconductor		Phone : 408-943-2600
	198 Champion Court		Fax : 408-943-4730
	San Jose, CA 95134-1709		Website : <a href="http://www.cypress.com">www.cypress.com</a>

© Cypress Semiconductor Corporation, 2012-2016. This document is the property of Cypress Semiconductor Corporation and its subsidiaries, including Spansion LLC ("Cypress"). This document, including any software or firmware included or referenced in this document ("Software"), is owned by Cypress under the intellectual property laws and treaties of the United States and other countries worldwide. Cypress reserves all rights under such laws and treaties and does not, except as specifically stated in this paragraph, grant any license under its patents, copyrights, trademarks, or other intellectual property rights. If the Software is not accompanied by a license agreement and you do not otherwise have a written agreement with Cypress governing the use of the Software, then Cypress hereby grants you a personal, non-exclusive, nontransferable license (without the right to sublicense) (1) under its copyright rights in the Software (a) for Software provided in source code form, to modify and reproduce the Software solely for use with Cypress hardware products, only internally within your organization, and (b) to distribute the Software in binary code form externally to end users (either directly or indirectly through resellers and distributors), solely for use on Cypress hardware product units, and (2) under those claims of Cypress's patents that are infringed by the Software (as provided by Cypress, unmodified) to make, use, distribute, and import the Software solely for use with Cypress hardware products. Any other use, reproduction, modification, translation, or compilation of the Software is prohibited.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, CYPRESS MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THIS DOCUMENT OR ANY SOFTWARE OR ACCOMPANYING HARDWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. To the extent permitted by applicable law, Cypress reserves the right to make changes to this document without further notice. Cypress does not assume any liability arising out of the application or use of any product or circuit described in this document. Any information provided in this document, including any sample design information or programming code, is provided only for reference purposes. It is the responsibility of the user of this document to properly design, program, and test the functionality and safety of any application made of this information and any resulting product. Cypress products are not designed, intended, or authorized for use as critical components in systems designed or intended for the operation of weapons, weapons systems, nuclear installations, life-support devices or systems, other medical devices or systems (including resuscitation equipment and surgical implants), pollution control or hazardous substances management, or other uses where the failure of the device or system could cause personal injury, death, or property damage ("Unintended Uses"). A critical component is any component of a device or system whose failure to perform can be reasonably expected to cause the failure of the device or system, or to affect its safety or effectiveness. Cypress is not liable, in whole or in part, and you shall and hereby do release Cypress from any claim, damage, or other liability arising from or related to all Unintended Uses of Cypress products. You shall indemnify and hold Cypress harmless from and against all claims, costs, damages, and other liabilities, including claims for personal injury or death, arising from or related to any Unintended Uses of Cypress products.

Cypress, the Cypress logo, Spansion, the Spansion logo, and combinations thereof, PSoC, CapSense, EZ-USB, F-RAM, and Traveo are trademarks or registered trademarks of Cypress in the United States and other countries. For a more complete list of Cypress trademarks, visit [cypress.com](http://cypress.com). Other names and brands may be claimed as property of their respective owners.