

Motor Control Development Toolbox

License Installation & Management Manual

An Embedded Target for the MPC564xL Family of Processors

By  **freescale**

Version 1.3.0

Target Based Automatic Code Generation Tools

For MATLAB™/Simulink™/Stateflow™ Models working with Simulink Coder™ and Embedded Coder®

Motor Control Development Toolbox License Installation & Management Manual is for use with the Motor Control Development Toolbox, an embedded target and block set library for MATLAB/Simulink/Stateflow Modeling.

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1 Overview

The Motor Control Development Toolbox uses Flexlm license management with license generation via the Freescale website.

2 Installation

Installing the Motor Control Development Toolbox licensing is an important part of your first steps in getting up and running with the Motor Control Development Toolbox. Please follow the steps below to obtain a trial or purchase a permanent license and install it correctly on your machine. If you encounter issues getting a license please send an email to rappid@freescale.com describing the issue so help can be obtained.

2.1 Request a Trial License

If you have already installed Motor Control Development Toolbox and would like a Trial license, please perform the following steps:

1. Go to [Motor Control Development Toolbox Website](#)
2. Click on “Download Eval”
3. Login. If not registered yet, click register.
4. Product Information page appears, click on “SW Motor Control Toolbox for MATLAB/Simulink MBD supporting MPC564xL EVAL”.
5. Click “I Agree” to consent to the software license agreement.
6. If you need to download the tool, click on the linked file name. Otherwise, click on “License Keys” tab.
7. Verify the correct tool is identified and click on “Generate”.
8. Enter your Disk Serial Number as the Host ID. If you do not know your Disk Serial Number, go to ‘Locating the Host ID’ in the document Motor Control Toolbox License Installation to learn how to locate your Disk Serial Number, which is needed to generate your license.
9. Enter a name for your license. (Optional)
10. Click “Generate”
11. Either click on “Save All” or copy and paste the file into a text editor, and save the file as ‘license.lic’ to the folder “C:\MCToolbox\rappid564xl\lic”
12. Your installation of the license is now complete.

2.2 Register an Entitlement ID/Registration Code

If you have already purchased Motor Control Development Toolbox and received an Entitlement ID/Registration Code, please perform the following steps:

1. Go to [Motor Control Development Toolbox Website](#) and login.
2. Once you have logged in, the ‘My Freescale’ page appears. Select ‘Software Licensing and Support’ to bring up the Product Information page.
3. Click on “Register”.
4. Enter the Entitlement Id/Registration Code and select ‘Register Product’.
5. Next, on the Registration Confirmation page, click “View Products”.
6. Click “I Agree” to consent to the software license agreement.
7. If you need to download the tool, click on the linked file name. Otherwise, click on “License Keys” tab.
8. Verify the correct tool is identified and click on “Generate”.
9. Enter your Disk Serial Number as the Host ID. If you do not know your Disk Serial Number, go to ‘Locating the Host ID’ in the document Motor Control

- Toolbox License Installation to learn how to locate your Disk Serial Number, which is needed to generate your license.
10. Enter a name for your license. (Optional)
 11. Click “Generate”
 12. Either click on “Save All” or copy and paste the file into a text editor and save the file as ‘license.lic’ to the folder “C:\MCToolbox\rappid564xl\lic”
 13. Your installation of the license is now complete.

2.3 Purchase a Permanent License

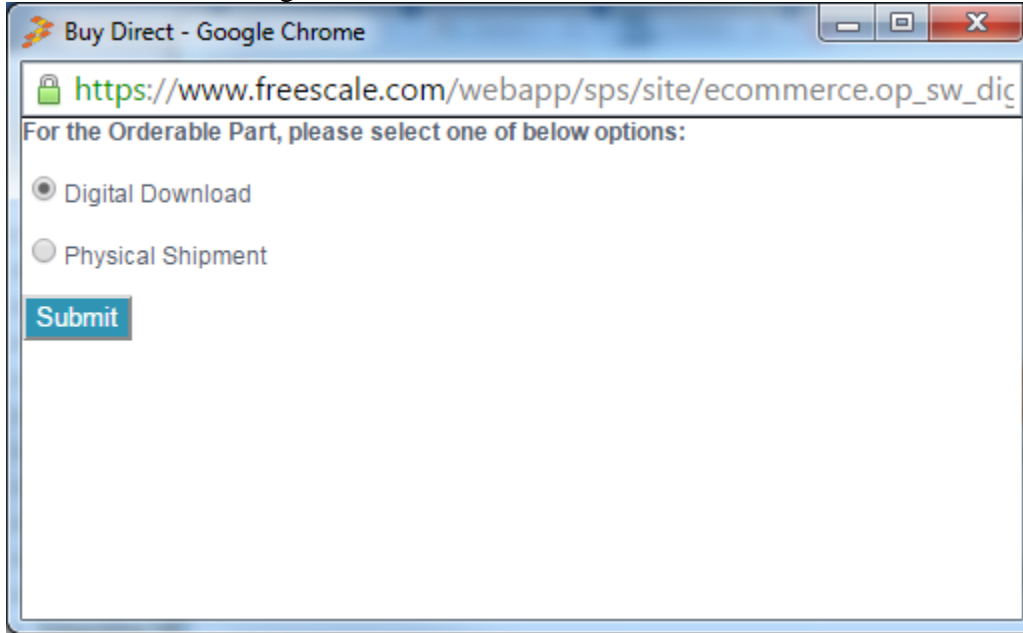
If you would like to purchase a permanent license, perform the following steps:

1. Go to [Motor Control Development Toolbox Website](http://www.freescale.com/MCToolbox) (<http://www.freescale.com/MCToolbox>) and click the “Buy Now” button. If you have not logged in yet, you will be prompted to login. If you do not have a login yet, click “Register”.
2. The ‘Buy/Specifications’ tab opens with a list of available products. In the list select the Buy Direct button next to your desired product.

The screenshot shows the Freescale website interface for the Motor Control Development Toolbox. The 'Buy / Specifications' tab is active, displaying a table of products. The table has columns for Title, Order, Part ID, Budgetary Price, and RoHS. There are four products listed, each with a 'Buy Direct' button.

Title	Order	Part ID	Budgetary Price excluding tax(US\$)	RoHS
<input type="checkbox"/> PHYSICAL LICENSED SHIPMENT Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC564xL <input type="button" value="Show/Hide Parameters"/> <input type="button" value="Reset Filters"/> <input type="button" value="Compare Selected"/>	<input type="checkbox"/> Buy Direct <input type="checkbox"/> Distributor	CWP-MCTB-564XL-N	1 @ US\$8,000.00 each	Not Applicable
<input type="checkbox"/> Motor Control Toolbox MC9S12ZVMx	<input type="button" value="Buy Direct"/> <input <="" td="" type="button" value="Buy Availability?"/> <td>CWP-MCTB-S12ZV-N</td> <td>1 @ US\$8,000.00 each</td> <td>Not Applicable</td>	CWP-MCTB-S12ZV-N	1 @ US\$8,000.00 each	Not Applicable
<input type="checkbox"/> PHYSICAL LICENSED SHIPMENT Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK	<input type="button" value="Buy Direct"/> <input <="" td="" type="button" value="Buy Availability?"/> <td>CWP-MCTB-567XK-N</td> <td>1 @ US\$8,000.00 each</td> <td>Not Applicable</td>	CWP-MCTB-567XK-N	1 @ US\$8,000.00 each	Not Applicable
<input type="checkbox"/> Motor Control Toolbox for MATLAB/Simulink MBD supporting MC56F82xx	<input type="button" value="Buy Direct"/> <input <="" td="" type="button" value="Buy Availability?"/> <td>C-MCTB-MC56F82-N</td> <td>1 @ US\$8,000.00 each</td> <td>Not Applicable</td>	C-MCTB-MC56F82-N	1 @ US\$8,000.00 each	Not Applicable

3. You have the choice between receiving a Physical Shipment, like a USB Flash Drive, or a Digital Download.



4. Now you can see your shopping basket.

freescale™

Cart Michael (Sign Out) English

All Search...

Products Applications Software & Tools Training & Communities Sample & Buy About

Shopping Basket

» Basket » Address & Project » Summary/Payment » Confirmation

#	Item	Item Type	Availability	Quantity	Unit Price (US\$)	Subtotal (US\$)	Payment Method	Remove
1	Ordered Part # : DLD-MCTB-S12ZV-N Part Description: Download Motor Control Toolbox MC9S12ZVMx	S/W Download	Available	1	US\$8,000.00	US\$8,000.00	Dept	<input type="checkbox"/>

Total (US\$) 8,000.00
(This amount does not include Tax, Shipping & Handling charges)

Please enter your coupon number and 'Update Basket':

Have you made any changes above? **Update Basket**

• Being a privileged user, you can order on behalf of a customer. Enter customer email.

Clear Basket Continue Shopping Proceed to Checkout

Freescale Buy Direct E-commerce services are provided by **DR MyCommerce Inc. d/b/a/ eSellerate**, a Freescale Semiconductor, Inc. e-commerce reseller.

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5. If you were given a coupon code, please enter it now in the provided field.

- To continue with your purchase, choose 'Proceed to Checkout'. You will see the Address & Project Details screen requiring you to complete Billing and Shipping information as required by US Export Administration Regulations.

Address & Project Details

[»Basket](#)
[» Address & Project](#)
[»Summary/Payment](#)
[»Confirmation](#)

The US Export Administration Regulations imposes upon exporters specific requirements that must be met prior to exporting goods. Please fill in following details.

Note : * designates required fields

Billing Address	Ship-To Address
Ship-to Address same as Bill-to Address? <input checked="" type="radio"/> Yes <input type="radio"/> No	
* First Name:	* First Name:
* Last Name:	* Last name:
* Company/Institution/Hobbyist:	* Company/Institution/Hobbyist:
(No abbreviations)	(No abbreviations)
* Attn C/O:	* Attn C/O:
* Country:	* Country:
Select One	Select One
* Address 1:	* Address 1:
	*(Unable to ship to P.O. , A.P.O. and F.P.O.Boxes)
Address 2:	Address 2:
* City:	* City:
State / Province:	State / Province:
Select One	Select One
(US, Canada, China only)	(US, Canada, China only)
* Zip/Postal Code:	* Zip/Postal code:
(When not applicable, please enter 00000)	(When not applicable, please enter 00000)
* Phone Number:	* Phone Number:
Email Address:	Email Address:
b37386@freescale.com	b37386@freescale.com

Update Profile? ☐ Yes ☒ No

* Method of Communication

Email

Note : * designates required fields

* What is your product or project?

Select Option

* Please provide a detailed description of your product end use?

Character Count: 0
(Description must be limited to 250 characters)

Production Target Date

- Once you have filled the form, click 'Continue'.

From this point, depending upon whether you chose [Digital Download](#) or [Physical Shipment](#), the next steps(8, 9) will each follow one of the two paths:

8. Digital Download

- a. Once you've proceeded past the Address & Project Details page, you will see the Summary/Payment page. This is a summary of your purchase.

Summary/Payment

[»Basket](#)
[»Address & Project](#)
[»Summary/Payment](#)
[»Confirmation](#)

#	Item	Item Type	Availability	Quantity	Unit Price (US\$)	Payment Method	Subtotal (US\$)	
1	Ordered Part # : DLD-MCTB-S12ZV-N Part Description: Download Motor Control Toolbox MC9S12ZVMx	S/W Download	Available	1	US\$8,000.00	Dept	US\$8,000.00	
Subtotal(US\$)							8,000.00	
Shipping Method <i>(i)</i> : <input checked="" type="radio"/> Standard (Shipping Charge US\$0.00)							Shipping Cost(US\$)	0.00
<input type="radio"/> Priority (Shipping Charge US\$0.00)								
Order Total (Amount to be paid)(US\$)							8,000.00	

- b. Once you've clicked "Place Order" button, you will see the Order Confirmation page. This is a confirmation of your order and there is a link to register the software for a license.

Order Confirmation

[»Basket](#)
[»Address & Project](#)
[»Summary/Payment](#)
[»Confirmation](#)

Thank you for your business.Please [print](#) this page for your records.

Information about your order is also available on our website, select the [435199](#).

Your order has been submitted for processing. You will be notified via email the status and shipping details of your order within 24 hours.

Add direct@freescale.com to your email contacts.

Transactions with multiple items may ship separately.

The quickest way to check on your order status is to [View Your Order History](#)

#	Item	Item Type	Availability	Quantity	Unit Price (US\$)	Payment Method	Subtotal (US\$)	Registration Code
1	Ordered Part # : DLD-MCTB-S12ZV-N Part Description: Download Motor Control Toolbox MC9S12ZVMx	S/W Download	Available	1	US\$8,000.00	Dept	US\$8,000.00	DLD-MCTB-S12ZV-N_
							Register Product	
Subtotal(US\$)							8,000.00	
Shipping Cost(US\$)							0.00	
Order Total (Amount to be paid)(US\$)							8,000.00	

- c. Click the button “Register Product”, this will bring up ‘Software and Support Activation’ window with the Entitlement Id and a link to activate the product you purchased.

Software and Support Activation
Product
Motor Control Toolbox MC9S12ZVMx DWLD
DLD-MCTB-S12ZV-N_
(Register a different product)
Account
Add product to:

Software Account Select

- d. After clicking on the ‘Select’ button, the Registration Confirmation page appears. To proceed with generating a license, click “View Products” button.

Registration Confirmation

Product:	Motor Control Toolbox MC9S12ZVMx DWLD
Registered to:	
Registered Date:	06/04/2015
Expiration Date:	06/03/2016
Quantity:	1

Product Information
Products downloads have been added to

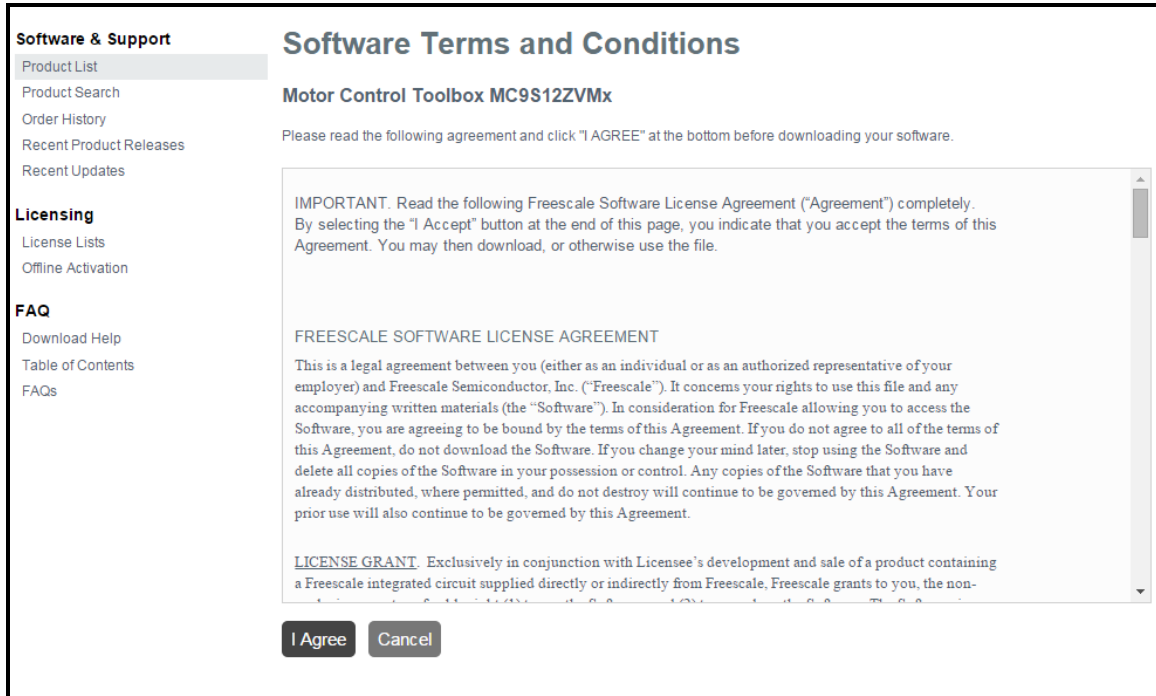
View Products

☒ Product License
☒ Latest Version

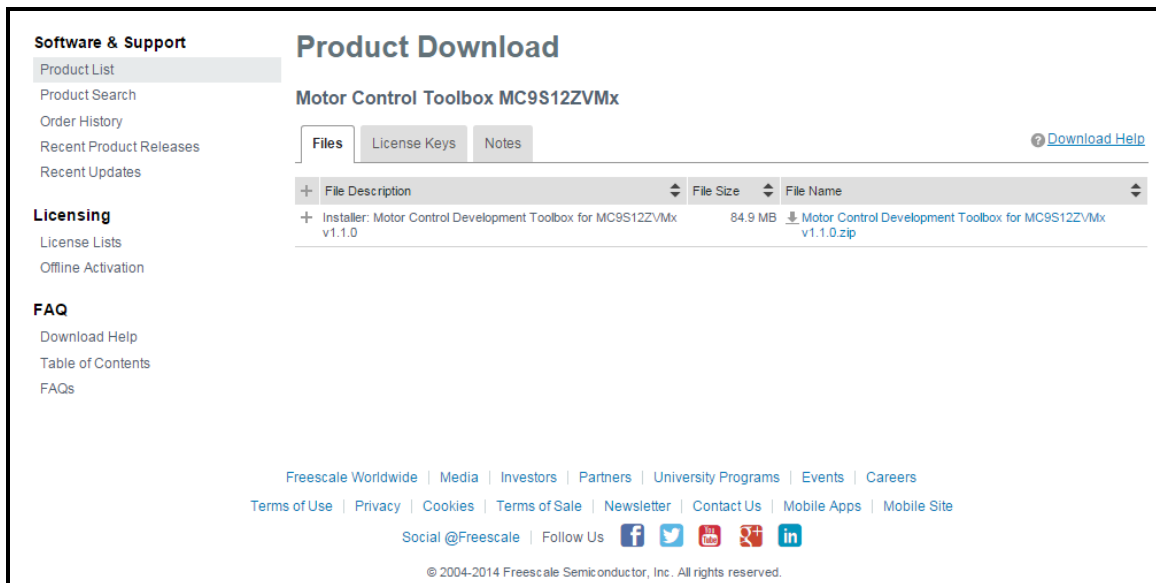
Activate and Install Your Product(s)
To activate your software products:

1. Go to the software product page by clicking View Product button on this page.
2. Select the product you want to license and/or install.
3. Download and install the product if you don't already have it installed.
4. Go to the *Licenses Keys* tab of the product.
5. Select the item you want to generate a license for and click *Generate*.
6. Complete the requested information and click *Generate*.
7. Save the license file, license.dat, to your software installations as directed within the [QuickStart Activation Guide](#).

- e. Click “I Agree” to consent to the software license agreement.



- f. If you need to download the tool, click on the linked file name. Otherwise, click on “License Keys” tab.



- g. Verify the correct tool is identified and click on “Generate” button.

The screenshot shows the 'License Information' page for the 'Motor Control Toolbox MC9S12ZVMx'. On the left is a sidebar with links for 'Software & Support' (Product List, Product Search, Order History, Recent Product Releases, Recent Updates), 'Licensing' (License Lists, Offline Activation), and 'FAQ' (Download Help, Table of Contents, FAQs). The main content area has a 'Generate' button at the top. Below it is a table with the following data:

Item Description	Motor Control Toolbox MC9S12ZVMx DWLD
Order Number	DLD-MCTB-S12ZV-N
Purchase Order Number	435199
Total Number of Licenses:	1

Below the table is a checkbox labeled 'License Applicable to Product(s):' which is checked. Underneath is a table with columns 'Version' and 'Description':

Version	Description
1	Motor Control Toolbox MC9S12ZVMx (View EULA)

At the bottom of the table is the text '1 Available'. A 'Generate' button is located below the table. At the very bottom of the page are links for 'Freescale Worldwide', 'Media', 'Investors', 'Partners', 'University Programs', 'Events', 'Careers', 'Terms of Use', 'Privacy', 'Cookies', 'Terms of Sale', 'Newsletter', 'Contact Us', 'Mobile Apps', 'Mobile Site', and social media icons for Facebook, Twitter, YouTube, and LinkedIn. The footer text reads '© 2004-2014 Freescale Semiconductor, Inc. All rights reserved.'

- h. Enter your Disk Serial Number as the Host ID. If you do not know your Disk Serial Number, go to ‘Locating the Host ID’ in the document Motor Control Toolbox License Installation to learn how to locate your Disk Serial Number, which is needed to generate your license.

The screenshot shows the 'Generate Licenses' page. The sidebar is identical to the previous page. The main content area has a heading 'Generate Licenses' and a link 'Instructions for finding your host ID details are available here.' Below this is a note: 'Please do not use spaces in the Name field (for node-locked licenses) or Host Description field (for floating licenses). These fields are available to add brief text notes to your license.' There is a table with the following data:

License Applicable to Product(s):		Number of Licenses Available
Version	Description	
1	Motor Control Toolbox MC9S12ZVMx	1

Below the table are two input fields: 'Node Host ID' with a dropdown menu set to 'Disk Serial Number' and a text box, and 'Name' with a text box. A 'Generate' button is located below these fields. The footer is identical to the previous page.

- i. Enter a name for your license. (Optional)
j. Click “Generate”

- k. Either click on “Save All” or copy and paste the license text into a text editor, and save the file as ‘license.lic’ to the folder “C:\MCToolbox\rappid564xl\lic”

Software & Support

- Product List
- Product Search
- Order History
- Recent Product Releases
- Recent Updates

Licensing

- License Lists
- Offline Activation

FAQ

- Download Help
- Table of Contents
- FAQs

View Licenses

Below are the licenses you just generated.

[License Overview](#)
[Print Friendly](#)
[Save All](#)

License Applicable to Product(s):
Version Description
1 Motor Control Toolbox MC9S12ZVMx
License Quantity: 1 **Expiration Date: permanent**

Disk Serial Number: F64BF324 (MainPC)
Generated By: on Jun 4, 2015

```
#Motor Control Toolbox MC9S12ZVMx DWLD - Motor Control Toolbox MC9S12ZVMx for
#MCTB-RAPID-PE-INIT-GTMC
# License for DISK_SERIAL_NUM=F64BF324 MainPC
INCREMENT MC_Toolbox_S12ZVM freescale 1 permanent uncounted \
VENDOR_STRING="Motor Control Toolbox MC9S12ZVMx" \
HOSTID=DISK_SERIAL_NUM=f64bf324 ISSUER="Freescale \
Semiconductor" ISSUED=04-jun-2015 ck=253 SN="FSL - 13290987" \
SIGN="1E28 E55E 52B2 78AA FFD2 718C 95B6 8329 332E B5FE D120 \
6337 3F79 6325 24D1 1079 05B6 788C 698A 7DC0 26D8 0CB1 901C \
9060 EAB8 9AB4 6A36 0E4C 6D72 5E68"
```

[License Overview](#)
[Print Friendly](#)
[Save All](#)

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[Social @Freescale](#) | [Follow Us](#)
[f](#)
[t](#)
[v](#)
[+](#)
[in](#)

- l. Your installation of the license is now complete.

9. Physical Shipment

- a. If you had earlier selected **Physical Shipment**, you will see the Summary/Payment page. This is a summary of your purchase.

Summary/Payment

[»Basket](#)
[»Address & Project](#)
[»Summary/Payment](#)
[»Confirmation](#)

#	Item	Item Type	Availability	Quantity	Unit Price (\$ US)	Discount Amount (\$ US)	Free Shipping	Payment Method	Subtotal (\$ US)
1	Ordered Part # : DLD-MCTB-564XL-N Part Description: DOWNLOAD Motor Control Toolbox	SW Download	Available	1	\$8,000.00	\$8,000.00	No	No Charge	-
								Subtotal(\$ US)	0.00
Shipping Method: <input checked="" type="radio"/> Standard (Shipping Charge US \$ 0.00)								Shipping Cost(\$ US)	0.00
<input type="radio"/> Priority (Shipping Charge US \$ 0.00)								Order Processing Charge(\$ US)	0.00
								Sales Tax(\$ US)	0.00
								VAT Tax (if applicable) (\$ US)	0.00
								Order Total (Amount to be paid)(\$ US)	0.00

- b. Then the Order Confirmation page follows, but there is no link to download this time.

Order Confirmation

[»Basket](#)
[»Address & Project](#)
[»Summary/Payment](#)
[» Confirmation](#)

Thank you for your business. Please [print](#) this page for your records.

Your order has been submitted for processing. You will be notified via email the status and shipping details of your order within 24 hours.
Add ecommerce@Freescale.com to your email contacts.

Transactions with multiple items may ship separately.

Information about your order is also available on our website, select the [278472](#).

Your Order No. is: **278472**

Popular with other Engineers

[CW-SUITE-PROFESSIONAL](#)

Training

[Introduction to the Freescale Tower System and MQX™ RTOS](#)

[Introduction to CodeWarrior](#)

Video

[Processor Expert: What You Need to Know](#)

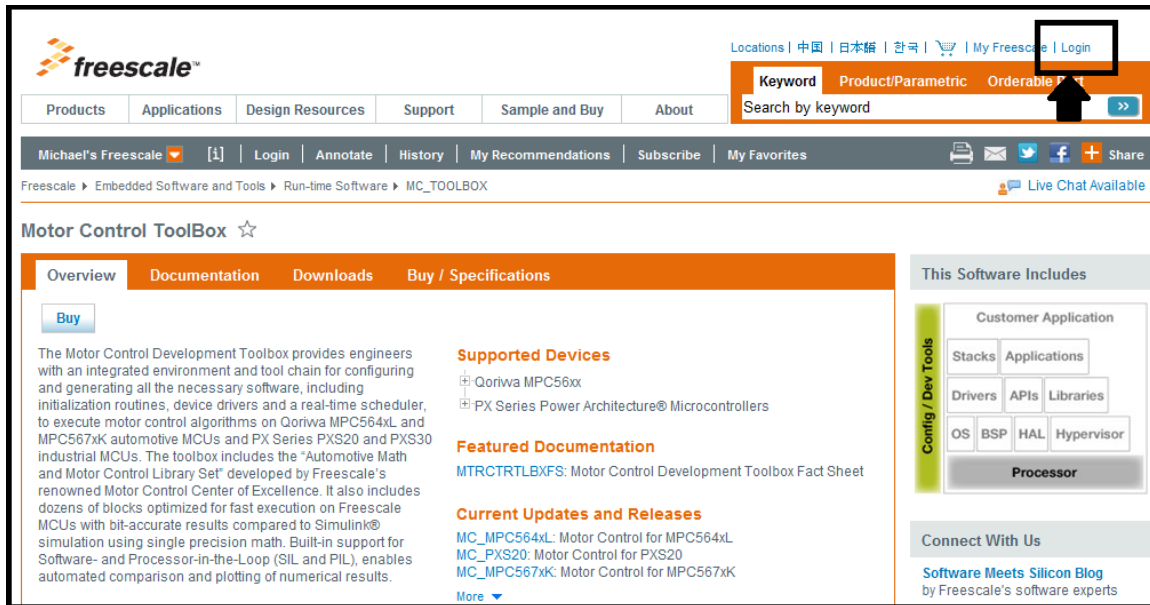
[How to Use Processor Expert](#)

#	Item	Item Type	Availability	Quantity	Unit Price (\$ US)	Free Shipping	Payment Method	Subtotal (\$ US)
1	Ordered Part # : CWP-PRO-NL Part Description: CW PRO SUITE; PERP, NODE	Software	Anticipated Availability Date (20-OCT-2011)	1	\$4,995.00	No	Dept	\$4,995.00
Subtotal(\$ US)								4,995.00
Shipping Cost(\$ US)								0.00
Order Processing Charge(\$ US)								0.00
Sales Tax(\$ US)								0.00
VAT Tax (if applicable) (\$ US)								0.00
Order Total (Amount to be paid)(\$ US)								4,995.00

IMPORTANT NOTICE: Please read the [Samples Terms of Use](#) and [Reg.Net Terms and Conditions of Sale](#). Customer agrees to pay all applicable taxes. **Taxes and duties on international orders are the responsibility of the customer. They may be collected at delivery.** Freescale reserves the right to cancel orders if the ordered product does not comply with one or more regulatory requirements applicable in the region or country where the product is to be shipped. By placing your order, you have acknowledged that you have read, understood and agree that these terms apply for the items that you have ordered.

- c. The Entitlement Id/Registration Code will come with the shipment. You will have to wait for it to arrive before you can return to the website and obtain your license.

- d. After the USB Flash Drive arrives in the mail, you can go back to [Motor Control Development Toolbox Website](#) and login.



- e. Once you have logged in, the 'My Freescale' page appears. Select 'Software Licensing and Support' to bring up the Product Information page.



- f. Click the “Register” button. Then on the ‘Software and Support Activation’ page enter the Entitlement Id/Registration Code included in your physical shipment and click “Register Product”.

Software & Support

Product List

Product Search

Order History

Recent Product Releases

Recent Updates

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Download Help

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FAQs

Product Information

Freescale Software

Your choice contains a suite of products. Please select one of the product lines below:
To register a New Product please click on the button below

Register

CodeWarrior Development Tool - Evaluation Software

Motor Control Toolbox

Motor Control Toolbox Evaluation

RAppID Initialization & Processor Expert Evaluation tools






RAppID Initialization Tools

RAppID Processor Expert Tools

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Software and Support Activation

Product

Enter Registration Code *






Register Product

Example:
CWP-PRO-NL_1-387604471

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- a. After clicking on the ‘Select’ button, the Registration Confirmation page appears. To proceed with generating a license, click “View Products” button.

Registration Confirmation

Product:	Motor Control Toolbox MC9S12ZVMx DWLD
Registered to:	
Registered Date:	06/04/2015
Expiration Date:	06/03/2016
Quantity:	1

Product Information
Products downloads have been added to

View Products

☒ Product License
☒ Latest Version

Activate and Install Your Product(s)
To activate your software products:
1. Go to the software product page by clicking View Product button on this page.
2. Select the product you want to license and/or install.
3. Download and install the product if you don't already have it installed.
4. Go to the *Licenses Keys* tab of the product.
5. Select the item you want to generate a license for and click *Generate*.
6. Complete the requested information and click *Generate*.
7. Save the license file, license.dat, to your software installations as directed within the *QuickStart Activation Guide*.

- b. Click “I Agree” to consent to the software license agreement.

Software & Support
Product List
Product Search
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Recent Product Releases
Recent Updates

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Software Terms and Conditions
Motor Control Toolbox MC9S12ZVMx
Please read the following agreement and click "I AGREE" at the bottom before downloading your software.

IMPORTANT. Read the following Freescale Software License Agreement ("Agreement") completely. By selecting the "I Accept" button at the end of this page, you indicate that you accept the terms of this Agreement. You may then download, or otherwise use the file.

FREESCALE SOFTWARE LICENSE AGREEMENT

This is a legal agreement between you (either as an individual or as an authorized representative of your employer) and Freescale Semiconductor, Inc. ("Freescale"). It concerns your rights to use this file and any accompanying written materials (the "Software"). In consideration for Freescale allowing you to access the Software, you are agreeing to be bound by the terms of this Agreement. If you do not agree to all of the terms of this Agreement, do not download the Software. If you change your mind later, stop using the Software and delete all copies of the Software in your possession or control. Any copies of the Software that you have already distributed, where permitted, and do not destroy will continue to be governed by this Agreement. Your prior use will also continue to be governed by this Agreement.

LICENSE GRANT. Exclusively in conjunction with Licensee's development and sale of a product containing a Freescale integrated circuit supplied directly or indirectly from Freescale, Freescale grants to you, the non-

- c. If you need to download the tool, click on the linked file name. Otherwise, click on “License Keys” tab.

The screenshot shows the 'Product Download' page for the 'Motor Control Toolbox MC9S12ZVMx'. The left sidebar contains links for 'Software & Support' (Product List, Product Search, Order History, Recent Product Releases, Recent Updates), 'Licensing' (License Lists, Offline Activation), and 'FAQ' (Download Help, Table of Contents, FAQs). The main content area has tabs for 'Files', 'License Keys', and 'Notes'. The 'Files' tab is active, displaying a table with columns for File Description, File Size, and File Name. A single entry is shown: 'Installer: Motor Control Development Toolbox for MC9S12ZVMx v1.1.0' with a size of 84.9 MB and a download link for 'Motor Control Development Toolbox for MC9S12ZVMx v1.1.0.zip'. A 'Download Help' link is also present. The footer includes various company links and social media icons.

File Description	File Size	File Name
Installer: Motor Control Development Toolbox for MC9S12ZVMx v1.1.0	84.9 MB	Motor Control Development Toolbox for MC9S12ZVMx v1.1.0.zip

- d. Verify the correct tool is identified and click on “Generate” button.

The screenshot shows the 'License Information' page for the 'Motor Control Toolbox MC9S12ZVMx'. The left sidebar is identical to the previous screenshot. The main content area has a 'Generate' button at the top. Below it, a table displays license information: 'Item Description' is 'Motor Control Toolbox MC9S12ZVMx DWLD', 'Order Number' is 'DLD-MCTB-S12ZV-N...', 'Purchase Order Number' is '435199', and 'Total Number of Licenses' is '1'. There is a checkbox for 'License Applicable to Product(s):' which is checked. Below this, a table lists the available licenses: Version 1, Description 'Motor Control Toolbox MC9S12ZVMx (View EULA)', and '1 Available'. A 'Generate' button is located at the bottom of the license information section. The footer is identical to the previous screenshot.

Item Description	Motor Control Toolbox MC9S12ZVMx DWLD
Order Number	DLD-MCTB-S12ZV-N...
Purchase Order Number	435199
Total Number of Licenses:	1

Version	Description
1	Motor Control Toolbox MC9S12ZVMx (View EULA)

- e. Enter your Disk Serial Number as the Host ID. If you do not know your Disk Serial Number, go to ‘Locating the Host ID’ in the document Motor Control Toolbox License Installation to learn how to locate your Disk Serial Number, which is needed to generate your license.

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Generate Licenses

Instructions for finding your host ID details are available [here](#).

Please do not use spaces in the **Name** field (for node-locked licenses) or **Host Description** field (for floating licenses). These fields are available to add brief text notes to your license.

License Applicable to Product(s):		Number of Licenses Available
Version	Description	
1	Motor Control Toolbox MC9S12ZVMx	1

Node Host ID

Disk Serial Number

Name

Generate

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- f. Enter a name for your license. (Optional)
- g. Click “Generate”

- h. Either click on “Save All” or copy and paste the license text into a text editor, and save the file as ‘license.lic’ to the folder “C:\MCToolbox\rappid564xl\lic”

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View Licenses

Below are the licenses you just generated.

[License Overview](#)[Print Friendly](#)[Save All](#)

Version	Description
1	Motor Control Toolbox MC9S12ZVMx

License Quantity: 1

Expiration Date: permanent

Disk Serial Number: F64BF324 (MainPC)
Generated By: on Jun 4, 2015

```
#Motor Control Toolbox MC9S12ZVMx DWLD - Motor Control Toolbox MC9S12ZVMx for
#MCTB-RAPPID-PE-INIT-GTMC
# License for DISK_SERIAL_NUM=F64BF324 MainPC
INCREMENT MC_Toolbox_S12ZVM freescale 1 permanent uncounted \
VENDOR_STRING="Motor Control Toolbox MC9S12ZVMx" \
HOSTID=DISK_SERIAL_NUM=f64bf324 ISSUER="Freescale \
Semiconductor" ISSUED=04-jun-2015 ck=253 SN="FSL - 13290987" \
SIGN="1E28 E55E 52B2 78AA FFD2 718C 95B6 8329 332E B5FE D120 \
6337 3F79 6325 24D1 1079 05B6 788C 698A 7DC0 26D8 0CB1 901C \
9060 EAB8 9AB4 6A36 0E4C 6D72 5E68"
```

[License Overview](#)[Print Friendly](#)[Save All](#)

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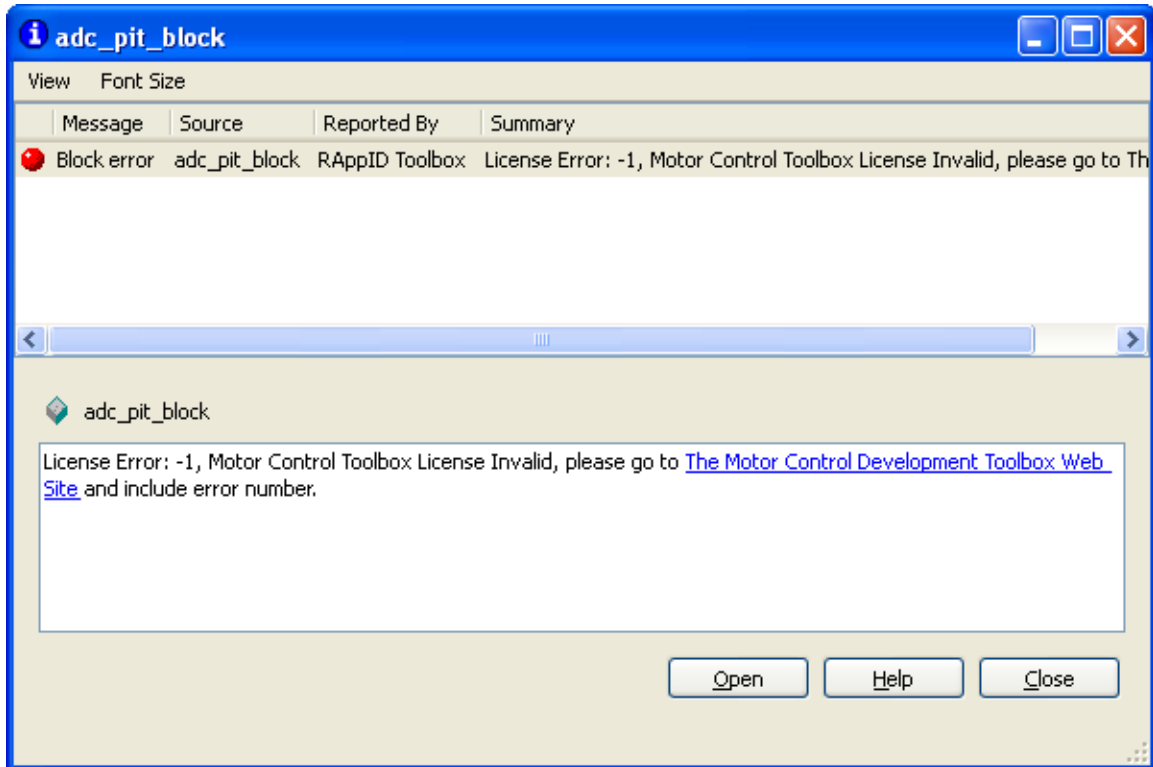
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- i. Your installation of the license is now complete.

3 License Repair

If you get an error while using Motor Control Development Toolbox indicating a problem with the license, you can try to repair the license using the [Motor Control Development Toolbox Website](#).



1. Go to [Motor Control Development Toolbox Website](#) and login.
2. Select 'CodeWarrior Licensing' to bring up a listing of your purchased licenses
3. Now you can select 'License Options' which will bring you to the Suite Details page.
4. Select 'Repair License', which will provide you with a new version of your license file. Use this to overwrite your currently installed file.

If this fails to resolve your issue, see [License Failure](#).

4 License Failure

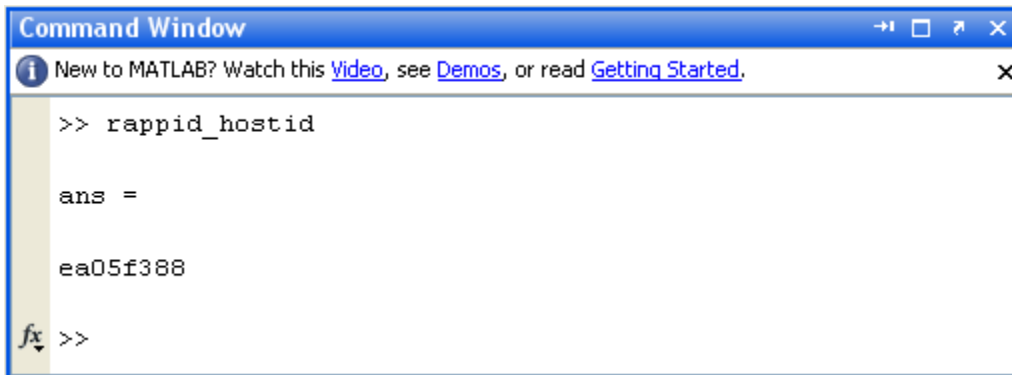
The License file could become corrupted, lost, or otherwise unavailable for use with the Motor Control Development Toolbox. Should this happen, contact support@freescale.com and provide the locking code and any license error code that is provided in the error window while using Motor Control Development Toolbox within MATLAB.

5 Locating the Host ID

5.1 Disk ID

If the Disk ID is used for the Host ID in the Motor Control Development Toolbox software license, there are some different ways to obtain this:

- A. MATLAB Command
 - 1. Open Matlab
 - 2. In Command Window, enter 'rappid_hostid'
 - 3. The Host ID is the code returned.

A screenshot of the MATLAB Command Window. The title bar says "Command Window". Below the title bar is a message: "New to MATLAB? Watch this [Video](#), see [Demos](#), or read [Getting Started](#)." Below this is a text area with the command ">> rappid_hostid" entered. The output shows "ans =" followed by "ea05f388". At the bottom, there is a prompt "fx >>".

```
Command Window
New to MATLAB? Watch this Video, see Demos, or read Getting Started.
>> rappid_hostid

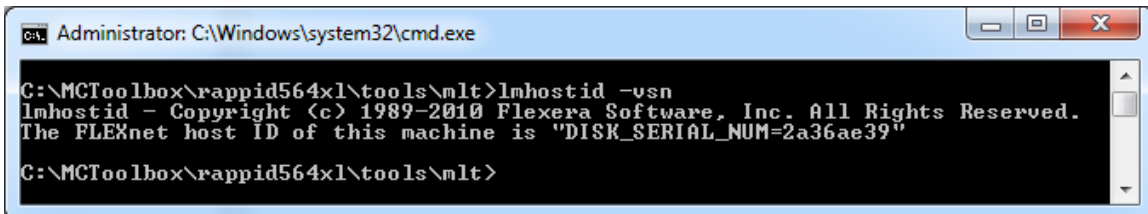
ans =

ea05f388

fx >>
```

In this example, Host ID is: ea05f388 (not case sensitive)

- B. DOS Command
 - 1. Open CMD Prompt at <Motor Control Development Toolbox installation folder> \rappid564xl\tools\mlt
 - 2. In CMD Prompt window, enter 'lmhostid -vsn'
 - 3. Host ID is the value that follows DISK_SERIAL_NUM

A screenshot of a Windows Command Prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The command prompt shows the directory "C:\MCToolbox\rappid564xl\tools\mlt". The command "lmhostid -vsn" has been entered, and the output is "lmhostid - Copyright (c) 1989-2010 Flexera Software, Inc. All Rights Reserved. The FLEXnet host ID of this machine is \"DISK_SERIAL_NUM=2a36ae39\"".

```
Administrator: C:\Windows\system32\cmd.exe
C:\MCToolbox\rappid564xl\tools\mlt>lmhostid -vsn
lmhostid - Copyright (c) 1989-2010 Flexera Software, Inc. All Rights Reserved.
The FLEXnet host ID of this machine is "DISK_SERIAL_NUM=2a36ae39"
C:\MCToolbox\rappid564xl\tools\mlt>
```

In this example, Host ID is: 2a36ae39 (not case sensitive)