

# Motor Control Development Toolbox

## License Installation & Management Manual

An Embedded Target for the S32K Family of Processors

By  **freescale**

*Version 1.0.0*

**Target Based Automatic Code Generation Tools**

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

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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 FlexIm 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 [support@nxp.com](mailto:support@nxp.com) describing the issue.

### 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 'Locating the Host ID' to learn how to obtain your license locking code, which is needed to generate your license.
2. Go to the Motor Control Development Toolbox ([www.nxp.com/mctoolbox](http://www.nxp.com/mctoolbox)) website and click on 'Download Eval'.
3. After signing into your account, select the tool from the list and go to the 'license keys' tab to generate your trial license. You will need the host ID from step 1.
4. Send email to [rappid@nxp.com](mailto:rappid@nxp.com) containing your locking code and indicate the tool for which you are requesting a license. For example, Motor Control Development Toolbox for S32K.
5. Follow the instructions provided in the response email containing your license.

### 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\mctbx\_S32K\lic"
13. Your installation of the license is now complete.

## 2.3 Purchase a Permanent License

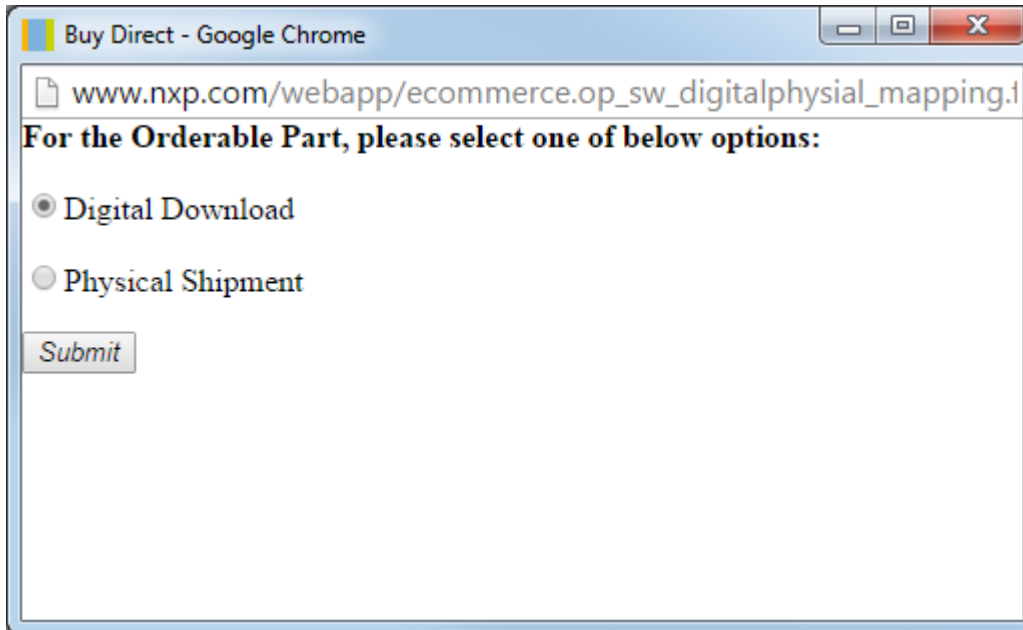
If you have already purchased a license and have an Entitlement ID, skip to here. Otherwise, if you would like to purchase a permanent license, perform the following steps:

1. After the CD arrives in the mail, login to [Motor Control Development Toolbox Website](#) and select the **Buy/Specifications** tab.
2. 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 page title is "MC\_TOOLBOX: Motor Control Development Toolbox". The navigation bar includes "Products", "Applications", "Software & Tools", "Training & Communities", "Sample & Buy", and "About". The "Buy / Specifications" tab is selected. Below the navigation bar, there are links for "Download XLS", "Download PDF", and "Email Link". A table lists four products, each with a "Buy Direct" button. The table columns are: Title, Order, Part ID, Budgetary Price excluding tax (US\$), and RoHS. The products listed are:

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="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="checkbox"/> Buy Direct <input type="checkbox"/> Distributor	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="checkbox"/> Buy Direct <input type="checkbox"/> Distributor	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="checkbox"/> Buy Direct <input type="checkbox"/> Distributor	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. Next it will be necessary to login. If you do not have a login, you will need to register.

[NXP > Sign In or Register](#)

## Sign in

Email Address

Password

Remember me [i](#)

**Sign in**

[Forgot your password?](#)

**Not yet registered?**  
Start here to become a new member

**Register**

5. Once you are logged in, you can see your shopping basket.

Shopping Basket						
#	Item	Item Type	Availability	Quantity	Unit Price (\$ US)	Subtotal (\$ US)
1	Ordered Part # : DLD-MCTB-564XL-N Part Description: DOWNLOAD Motor Control Toolbox	S/W Download	Available	1	\$8,000.00	\$8,000.00
<b>Total (\$ US)</b>						<b>8,000.00</b>
(This amount does not include Tax, Shipping & Handling charges)						

6. To continue with your purchase, choose **Proceed to Checkout**.

**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: <input type="text"/>	* First Name: <input type="text"/>
* Last Name: <input type="text"/>	* Last name: <input type="text"/>
* Company/Institution/Hobbyist: <input type="text"/> (No abbreviations)	* Company/Institution/Hobbyist: <input type="text"/> (No abbreviations)
* Attn C/O: <input type="text"/>	* Attn C/O: <input type="text"/>
* Country: <input type="text" value="Select One"/>	* Country: <input type="text" value="Select One"/>
* Address 1: <input type="text"/>	* Address 1: <input type="text"/>
Address 2: <input type="text"/>	Address 2: <input type="text"/>
* City: <input type="text"/>	* City: <input type="text"/>
State / Province: <input type="text" value="Select One"/> (US, Canada, China only)	State / Province: <input type="text" value="Select One"/> (US, Canada, China only)
* Zip/Postal Code: <input type="text"/> (When not applicable, please enter 00000)	* Zip/Postal code: <input type="text"/> (When not applicable, please enter 00000)
* Phone Number: <input type="text"/>	* Phone Number: <input type="text"/>
Email Address: b37386@freescale.com	Email Address: b37386@freescale.com

Update Profile?  Yes  No

\* Method of Communication:

Note: \* designates required fields

\* What is your product or project?

\* Please provide a detailed description of your product end use?  
  
Character Count: 0  
(Description must be limited to 250 characters)

Production Target Date:

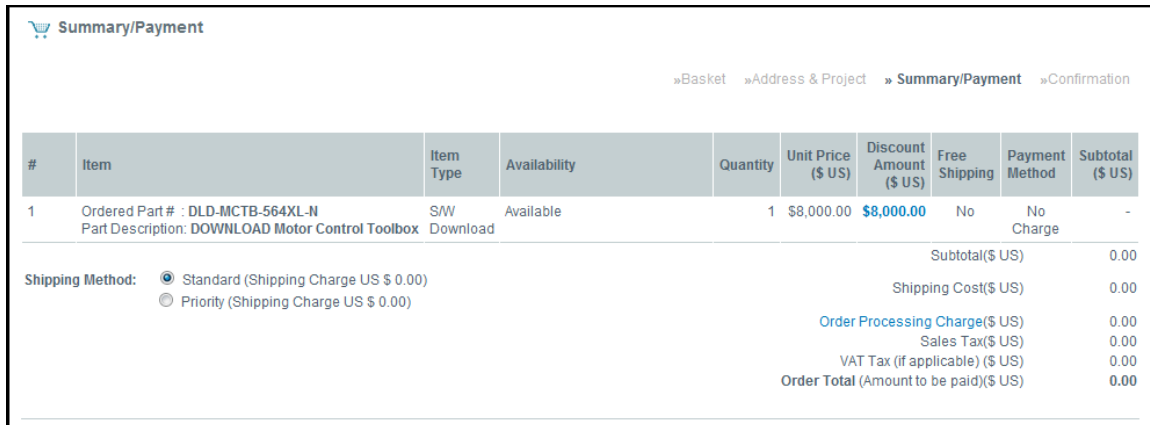


7. You will see the **Address & Project Details** screen requiring you to complete Billing and Shipping information as required by US Export Administration Regulations.
8. From this point, depending upon whether you chose [Digital Download](#) or [Physical Shipment](#).

## 2.4 Digital Download

The following steps will enable you to perform a digital download.

1. After the **Shopping Basket** 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)	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	<b>\$8,000.00</b>	No	No Charge	-
							Subtotal(\$ US)		0.00
<b>Shipping Method:</b> <input checked="" type="radio"/> Standard (Shipping Charge US \$ 0.00) <input type="radio"/> Priority (Shipping Charge US \$ 0.00)							Shipping Cost(\$ US)		0.00
							Order Processing Charge(\$ US)		0.00
							Sales Tax(\$ US)		0.00
							VAT Tax (if applicable) (\$ US)		0.00
							<b>Order Total (Amount to be paid)(\$ US)</b>		<b>0.00</b>

2. Next is the **Order Confirmation** page. This is a confirmation of your order and there is a link to download the software.

### 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 [474365](#).

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](mailto: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-567XK-N	SW Download	Available	1	US\$8,000.00	Dept	US\$8,000.00	DLD-MCTB-567XK-N_WH0EO17388 <a href="#">Register Product</a>
							Subtotal(US\$)	8,000.00
							Shipping Cost(US\$)	0.00
							<b>Order Total (Amount to be paid)(US\$)</b>	<b>8,000.00</b>

3. Click on Registration Code/Entitlement ID or click on the Register Product button. The **Entitlement Details** window appears with the Entitlement Id and a link to activate the product you purchased.

NXP > Software & Support > Product Activation

## Software and Support Activation

### Product

Enter Registration Code\*

[Register Product](#)

**Example:**

CWP-PRO-NL\_1-387604471

4. After the entitlement ID is entered, the Registration Confirmation page will appear. To generate a license, click on View Products button.

## Registration Confirmation

Product:	Motor Control Toolbox for MATLAB/Simulink model based development for MPC567xK DWLD
Registered to:	Your name here
Registered Date:	03/31/2016
Expiration Date:	03/31/2017
Quantity:	1

**Product Information**  
Products downloads have been added to **Your name here**

[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.

5. Select the License Keys tab.

Software & Support

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

Licensing

- License Lists
- Offline Activation

FAQ

- Download Help
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## License Information

**Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK**

---

Item Description	Motor Control Toolbox for MATLAB/Simulink model based development for MPC567xK
<b>DWLD</b>	
Order Number	DLD-MCTB-567XK-N_WHOEO17388
Purchase Order Number	474365
Total Number of Licenses:	1

License Applicable to Product(s):

Version	Description
1	Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK ( <a href="#">View EULA</a> )

1 Available

[Generate](#)

6. Check the box and click Generate button.

### Software & Support

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

### Licensing

- License Lists
- Offline Activation

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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 for MATLAB/Simulink model based dev. for MPC567xK	1

Node Host ID:

Name:

Disk ID is the only Host ID type that is supported by Motor Control Development Toolbox.

- Click Generate.  
A confirmation screen appears.

## View Licenses

Below are the licenses you just generated.

License Applicable to Product(s):

Version	Description
1	Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK

License Quantity: 1 Expiration Date: permanent

Disk Serial Number: your hostid here  
Generated By: your name on Mar 31, 2016

```
#Motor Control Toolbox for MATLAB/Simulink model based development for
#MPC567xK DWLD - Motor Control Toolbox for MATLAB/Simulink model based dev.
#for MPC567xK for your name here
# License for DISK_SERIAL_NUM= your hostid here
INCREMENT MC_Toolbox_567xK freescale 1 permanent uncounted \
  VENDOR_STRING="Motor Control Toolbox for MATLAB/Simulink model \
  based dev. for MPC567xK" HOSTID=DISK_SERIAL_NUM=f64bf324 \
  ISSUER="Freescale Semiconductor" ISSUED=31-mar-2016 ck=206 \
  SN="FSL - 15931617" TS_OK SIGN="007F EF0A 9358 F4C1 83E1 A5B3 \
  85F1 853C BFBC 5A51 6B3A BE8B 4552 92A9 F726 185C 00A1 8C88 \
  0526 9139 B571 DE5F DE6C 6EFF 08A0 689C 7C30 38CC 1618 33CF"
```

- 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\mctbx\_S32K\lic”
- Your installation of the license is now complete.

## 2.5 Physical Shipment

The following steps will enable you to order physical shipment.

1. 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 » <b>Summary/Payment</b> »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	S/W Download	Available	1	\$8,000.00	<b>\$8,000.00</b>	No	No Charge	-	
									Subtotal(\$ US)	0.00
Shipping Method: <input checked="" type="radio"/> Standard (Shipping Charge US \$ 0.00) <input type="radio"/> Priority (Shipping Charge US \$ 0.00)									Shipping Cost(\$ US)	0.00
									Order Processing Charge(\$ US)	0.00
									Sales Tax(\$ US)	0.00
									VAT Tax (if applicable) (\$ US)	0.00
									<b>Order Total (Amount to be paid)(\$ US)</b>	<b>0.00</b>

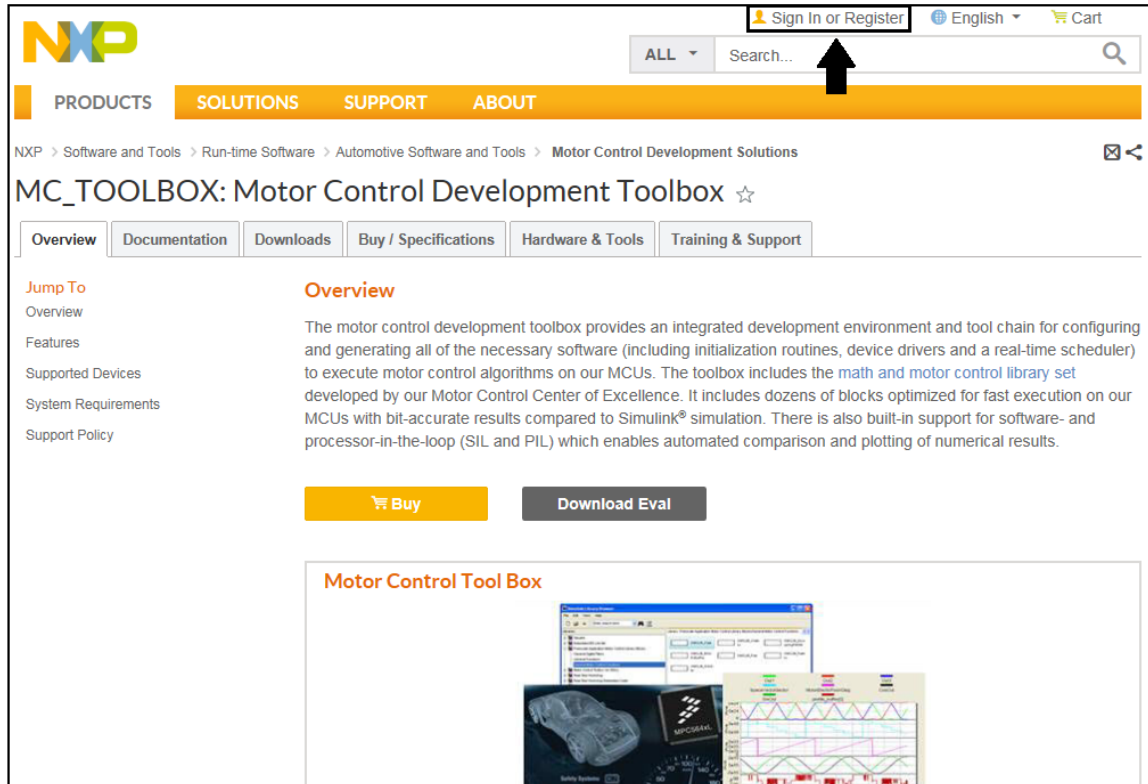
2. Then the Order Confirmation page follows, but there is no link to download this time.

Order Confirmation	
»Basket »Address & Project »Summary/Payment » <b>Confirmation</b>	
<p>Thank you for your business. Please <a href="#">print</a> this page for your records.</p> <p>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 <a href="mailto:ecommerce@Freescale.com">ecommerce@Freescale.com</a> to your email contacts.</p> <p>Transactions with multiple items may ship separately.</p> <p>Information about your order is also available on our website, select the 278472.</p> <p>Your Order No. is: <b>278472</b></p>	<p>Popular with other Engineers</p> <p><b>CW-SUITE-PROFESSIONAL</b></p> <p><b>Training</b></p> <p><a href="#">Introduction to the Freescale Tower System and MQX™ RTOS</a></p> <p><a href="#">Introduction to CodeWarrior</a></p> <p><b>Video</b></p> <p><a href="#">Processor Expert: What You Need to Know</a></p> <p><a href="#">How to Use Processor Expert</a></p>

#	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
									<b>Order Total (Amount to be paid)(\$ US)</b>	<b>4,995.00</b>

**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.

3. The Entitlement Id/Registration Code will come with the shipment.
4. After the USB Flash Drive arrives in the mail, you can go back to [Motor Control Development Toolbox Website](#) and login.



5. Once you have logged in, the **My Freescale** page appears.
6. Select **Software Licensing** link to bring up the **Licensing Activation** page.

You logged in at 03-31-2016 09:46:01 MST

- PROFILE & HISTORY**
  - Change My Password
  - History & Favorites
  - History Settings
  - Orders
  - Subscription Center
  - Request or Update Product Change Notification
- SUPPORT**
  - View all Communities
  - View all Support Methods
  - View Existing Issues
    - Ticket begins with 1-XXX
    - All Other Issues
- SECURE APPLICATIONS**
  - Cross Check - Part Finder With Pricing
  - Cross Check - Competitor Cross Reference
  - eCommerce
  - Compass Extranet
  - MCU Programming Center
  - Moderated Downloads
  - NXP Secure User Administration
  - ROM Programming
  - Software Licensing and Support**
  - Support Voucher Management
- ONLINE DESIGN TOOLS**
  - Buck SMPS Design Tool
  - CFL Design Tool
  - Flyback SMPS Design Tool
  - HFTL Design Tool
  - MathCAD Efficiency Bandwidth Calculators

7. Click the Register button.

NXP > Software & Support > Product Information : NXP Software

Software & Support

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

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## Product Information

### NXP 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](#)
- [Kinetis Design Studio IDE](#)
- [Kinetis Software Development Kit \(KSDK\)](#)
- [Motor Control Toolbox](#)
- [Motor Control Toolbox Evaluation](#)
- [RAppID Initialization & Processor Expert Evaluation tools](#)
- [RAppID Initialization Tools](#)
- [RAppID Processor Expert Tools](#)
- [S32 Design Studio IDE](#)

### Software and Support Activation

**Product**

Enter Registration Code\*

*Example:*  
CWP-PRO-NL\_1-387604471

[Freescale Worldwide](#) | [Media](#) | [Investors](#) | [Partners](#) | [University Programs](#) | [Events](#) | [Careers](#)  
[Terms of Use](#) | [Privacy](#) | [Cookies](#) | [Terms of Sale](#) | [Newsletter](#) | [Contact Us](#) | [Mobile Apps](#) | [Mobile Site](#)  
[Social @Freescale](#) | [Blogs](#) | [Follow Us](#)     


© 2004-2015 Freescale Semiconductor, Inc. All rights reserved.

8. After the entitlement ID is entered, the Registration Confirmation page will appear. To generate a license, click on View Products button.

### Registration Confirmation

Product:	Motor Control Toolbox for MATLAB/Simulink model based development for MPC567xK DWLD
Registered to:	Your name here
Registered Date:	03/31/2016
Expiration Date:	03/31/2017
Quantity:	1

**Product Information**  
Products downloads have been added to Your name here

- ✓ 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.

9. Select the License Keys tab.



The screenshot shows the 'License Information' page for the 'Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK'. The page is divided into a left sidebar with navigation links (Product List, Product Search, Order History, Recent Product Releases, Recent Updates, Licensing, License Lists, Offline Activation, FAQ, Download Help, Table of Contents, FAQs) and a main content area. The main content area displays the license details for 'DWLD', including the Order Number (DLD-MCTB-567XK-N\_WHOEO17388), Purchase Order Number (474365), and Total Number of Licenses (1). There is a checkbox for 'License Applicable to Product(s):' and a table listing the applicable license with columns for Version and Description. A 'Generate' button is located at the bottom of the main content area.

Item Description	Motor Control Toolbox for MATLAB/Simulink model based development for MPC567xK
<b>DWLD</b>	
Order Number	DLD-MCTB-567XK-N_WHOEO17388
Purchase Order Number	474365
Total Number of Licenses:	1

Version	Description
1	Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK (View EULA)

10. Check the box and click Generate button.

The screenshot shows the 'Generate Licenses' page. It includes instructions for finding host ID details and a warning about using spaces in the Name or Host Description fields. Below the instructions is a table showing the license applicable to the product(s) with columns for Version, Description, and Number of Licenses Available. The table shows one license available. Below the table are input fields for Node Host ID (with a dropdown menu set to 'Disk Serial Number') and Name. A 'Generate' button is located at the bottom of the main content area.

License Applicable to Product(s):	Number of Licenses Available				
<table border="1"><thead><tr><th>Version</th><th>Description</th></tr></thead><tbody><tr><td>1</td><td>Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK</td></tr></tbody></table>	Version	Description	1	Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK	1
Version	Description				
1	Motor Control Toolbox for MATLAB/Simulink model based dev. for MPC567xK				

Disk ID is the only Host ID type that is supported by Motor Control Development Toolbox.

11. Click **Generate**.  
A confirmation screen appears.

## 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 for MATLAB/Simulink model based dev. for MPC567xK

License Quantity: 1 Expiration Date: permanent

Disk Serial Number: your hostid here  
Generated By: your name on Mar 31, 2016

```
#Motor Control Toolbox for MATLAB/Simulink model based development for
#MPC567xK DWLD - Motor Control Toolbox for MATLAB/Simulink model based dev.
#for MPC567xK for your name here
# License for DISK_SERIAL_NUM= your hostid here
INCREMENT MC_Toolbox_567xK freescale 1 permanent uncounted \
  VENDOR_STRING="Motor Control Toolbox for MATLAB/Simulink model \
  based dev. for MPC567xK" HOSTID=DISK_SERIAL_NUM=f64bf324 \
  ISSUER="Freescale Semiconductor" ISSUED=31-mar-2016 ck=206 \
  SN="FSL - 15931617" TS_OK SIGN="007F EF0A 9358 F4C1 83E1 A5B3 \
  85F1 853C BFBC 5A51 6B3A BE8B 4552 92A9 F726 185C 00A1 8C88 \
  0526 9139 B571 DE5F DE6C 6EFF 08A0 689C 7C30 38CC 1618 33CF"
```

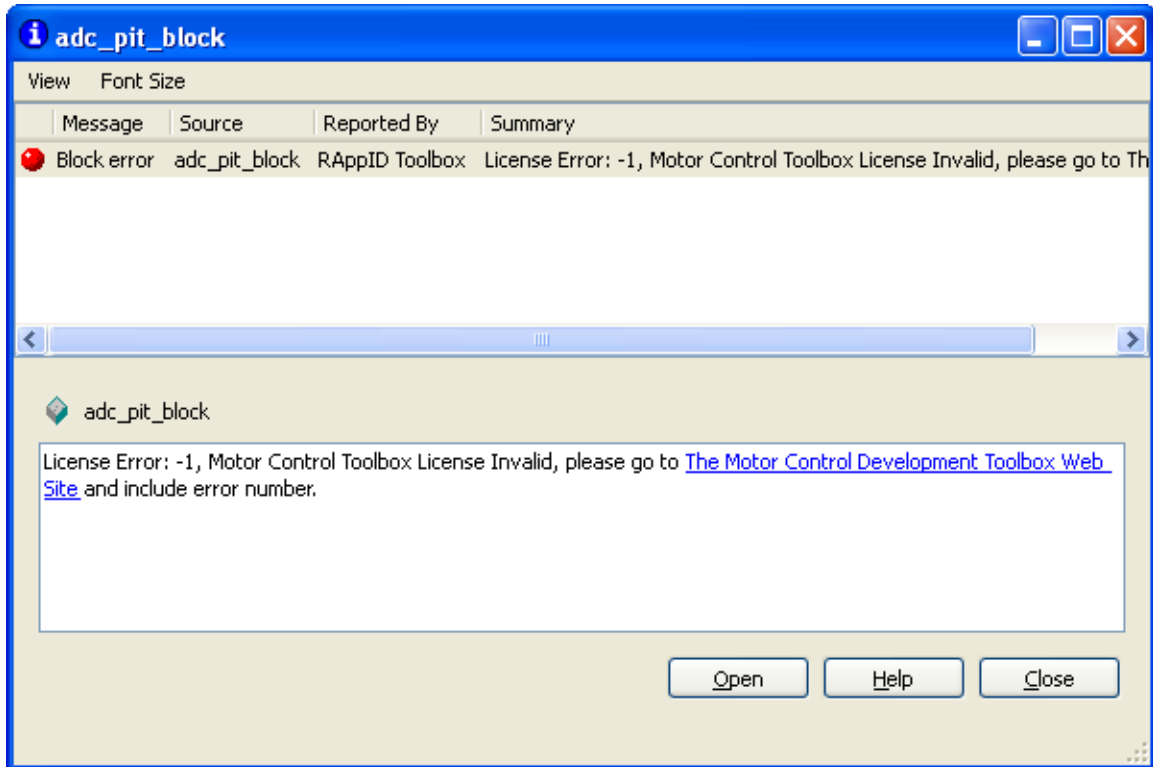
[License Overview](#) [Print Friendly](#) [Save All](#)

12. 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\ mctbx\_S32K\lic”

13. 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

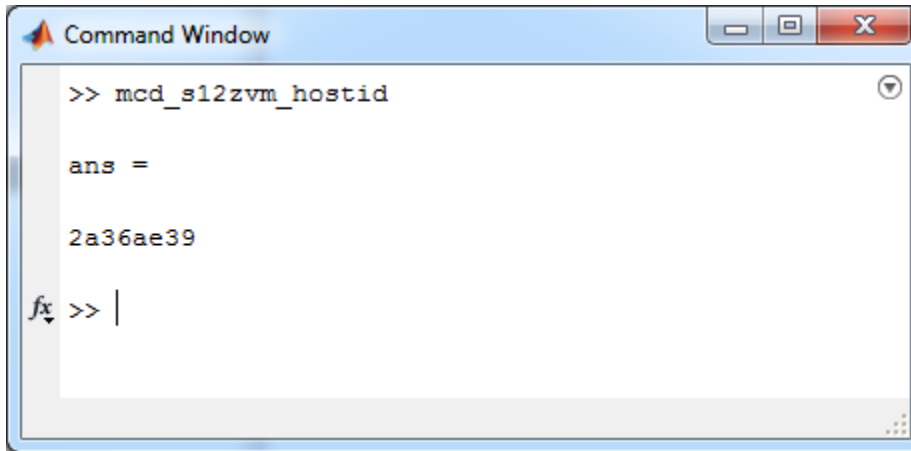
The License file could become corrupted, lost, or otherwise unavailable for use with the Motor Control Development Toolbox. Should this happen, contact [support@nxp.com](mailto:support@nxp.com) and provide the locking code and any license error code that is provided in the error window while using Motor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

## 5 Locating the Host ID

### 5.1 Disk ID

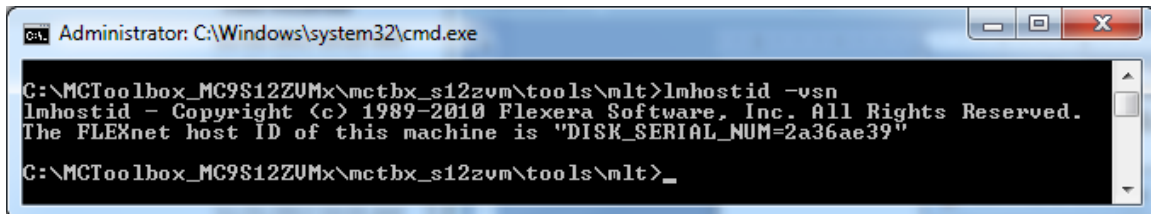
If the Disk ID is used for the Host ID in the Motor Control Development Toolbox software license, there are some different ways to obtain this:

- A. MATLAB Command
  1. Open Matlab
  2. In Command Window, enter 'mcd\_s32k\_hostid'
  3. The Host ID is the code returned.

A screenshot of the MATLAB Command Window. The title bar reads "Command Window". The command prompt shows the command '>> mcd\_s12zvm\_hostid' followed by the output 'ans = 2a36ae39'. The cursor is at the prompt '>> |'.

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

- B. DOS Command
  1. Open CMD Prompt at <Motor Control Development Toolbox installation folder> \mctbx\_S32K\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 command 'lmhostid -vsn' and the output 'lmhostid - Copyright (c) 1989-2010 Flexera Software, Inc. All Rights Reserved. The FLEXnet host ID of this machine is "DISK\_SERIAL\_NUM=2a36ae39"'. The prompt is at the end of the line.

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