

Max1239 IC driver  
v1.0-0

Generated by Doxygen 1.8.1.1

Sun Feb 24 2013 20:04:05



# Contents

<b>1</b>	<b>Class Index</b>	<b>1</b>
1.1	Class List . . . . .	1
<b>2</b>	<b>File Index</b>	<b>3</b>
2.1	File List . . . . .	3
<b>3</b>	<b>Class Documentation</b>	<b>5</b>
3.1	max1239 Class Reference . . . . .	5
3.1.1	Constructor & Destructor Documentation . . . . .	5
3.1.1.1	max1239 . . . . .	5
3.1.2	Member Function Documentation . . . . .	5
3.1.2.1	asQObject . . . . .	5
3.1.2.2	connectToPeer . . . . .	5
3.1.2.3	disconnectFromPeer . . . . .	6
3.1.2.4	pluginDescription . . . . .	6
3.1.2.5	pluginName . . . . .	6
3.1.2.6	pluginRunning . . . . .	6
3.1.2.7	readXML . . . . .	6
3.1.2.8	settingsPanel . . . . .	6
3.1.2.9	statusIndicator . . . . .	6
3.1.2.10	storeSettings . . . . .	6
3.1.2.11	writeXML . . . . .	6
3.1.2.12	xmlRootTag . . . . .	6
3.2	sampleSettings Class Reference . . . . .	6
3.2.1	Constructor & Destructor Documentation . . . . .	6
3.2.1.1	sampleSettings . . . . .	6
3.2.2	Member Function Documentation . . . . .	6
3.2.2.1	readXML . . . . .	7
3.2.2.2	storeGUIValues . . . . .	7
3.2.2.3	writeXML . . . . .	7
3.2.3	Member Data Documentation . . . . .	7
3.2.3.1	autoReconnect . . . . .	7

---

3.2.3.2	connectTimeout	7
3.2.3.3	guiPanel	7
3.2.3.4	host	7
3.2.3.5	messageTimeout	7
3.2.3.6	port	7
3.2.3.7	reconnectRate	7
<b>4</b>	<b>File Documentation</b>	<b>9</b>
4.1	max1239.cpp File Reference	9
4.1.1	Function Documentation	9
4.1.1.1	Q_EXPORT_PLUGIN2	9
4.2	max1239.h File Reference	9
4.3	settings.cpp File Reference	10
4.4	settings.h File Reference	11

# Chapter 1

## Class Index

### 1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">max1239</a> . . . . .	5
<a href="#">sampleSettings</a> . . . . .	6



## Chapter 2

# File Index

### 2.1 File List

Here is a list of all files with brief descriptions:

<a href="#">max1239.cpp</a>	9
<a href="#">max1239.h</a>	9
<a href="#">settings.cpp</a>	10
<a href="#">settings.h</a>	11





## Chapter 3

# Class Documentation

### 3.1 max1239 Class Reference

```
#include <max1239.h>
```

#### Public Slots

- virtual void [connectToPeer](#) ()
- virtual void [disconnectFromPeer](#) ()

#### Signals

- void [pluginRunning](#) ()

#### Public Member Functions

- [max1239](#) (QObject \*parent=0)
- QObject \* [asQObject](#) ()
- QString [pluginName](#) ()
- QString [pluginDescription](#) ()
- QString [xmlRootTag](#) ()
- void [readXML](#) (QDomNode root)
- QStringList [writeXML](#) ()
- QWidget \* [statusIndicator](#) ()
- QWidget \* [settingsPanel](#) ()
- void [storeSettings](#) ()

#### 3.1.1 Constructor & Destructor Documentation

3.1.1.1 `max1239::max1239 ( QObject * parent = 0 )`

#### 3.1.2 Member Function Documentation

3.1.2.1 `QObject * max1239::asQObject ( )`

3.1.2.2 `void max1239::connectToPeer ( )` [virtual],[slot]

3.1.2.3 void max1239::disconnectFromPeer ( ) [virtual],[slot]

3.1.2.4 QString max1239::pluginDescription ( )

3.1.2.5 QString max1239::pluginName ( )

3.1.2.6 void max1239::pluginRunning ( ) [signal]

3.1.2.7 void max1239::readXML ( QDomNode *root* )

3.1.2.8 QWidget \* max1239::settingsPanel ( )

3.1.2.9 QWidget \* max1239::statusIndicator ( )

3.1.2.10 void max1239::storeSettings ( )

3.1.2.11 QStringList max1239::writeXML ( )

3.1.2.12 QString max1239::xmlRootTag ( )

The documentation for this class was generated from the following files:

- [max1239.h](#)
- [max1239.cpp](#)

## 3.2 sampleSettings Class Reference

```
#include <settings.h>
```

### Public Member Functions

- [sampleSettings](#) ()
- void [readXML](#) (QDomNode root)
- QStringList [writeXML](#) ()
- void [storeGUIValues](#) ()

### Public Attributes

- QString [host](#)
- int [port](#)
- int [reconnectRate](#)
- int [connectTimeout](#)
- int [messageTimeout](#)
- bool [autoReconnect](#)
- QWidget \* [guiPanel](#)

### 3.2.1 Constructor & Destructor Documentation

3.2.1.1 sampleSettings::sampleSettings ( )

### 3.2.2 Member Function Documentation

3.2.2.1 void sampleSettings::readXML ( QDomNode *root* )

3.2.2.2 void sampleSettings::storeGUIValues ( )

3.2.2.3 QStringList sampleSettings::writeXML ( )

### 3.2.3 Member Data Documentation

3.2.3.1 bool sampleSettings::autoReconnect

3.2.3.2 int sampleSettings::connectTimeout

3.2.3.3 QWidget\* sampleSettings::guiPanel

3.2.3.4 QString sampleSettings::host

3.2.3.5 int sampleSettings::messageTimeout

3.2.3.6 int sampleSettings::port

3.2.3.7 int sampleSettings::reconnectRate

The documentation for this class was generated from the following files:

- [settings.h](#)
- [settings.cpp](#)



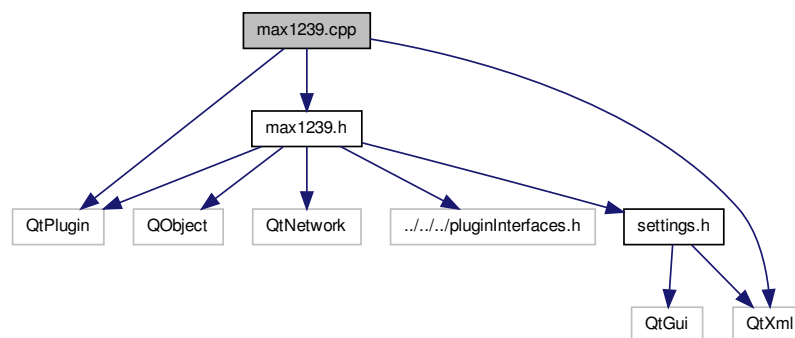
## Chapter 4

# File Documentation

### 4.1 max1239.cpp File Reference

```
#include "max1239.h"
```

Include dependency graph for max1239.cpp:



### Functions

- [Q\\_EXPORT\\_PLUGIN2](#) (max1239, max1239)

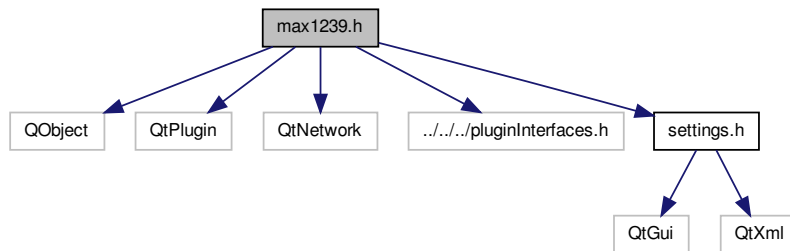
#### 4.1.1 Function Documentation

4.1.1.1 `Q_EXPORT_PLUGIN2 ( max1239 , max1239 )`

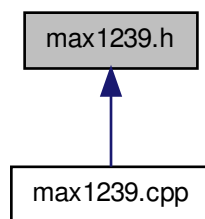
### 4.2 max1239.h File Reference

```
#include <QObject>
#include <QtPlugin>
#include <QtNetwork>
#include "../../pluginInterfaces.h"
#include "settings.h"
```

Include dependency graph for max1239.h:



This graph shows which files directly or indirectly include this file:



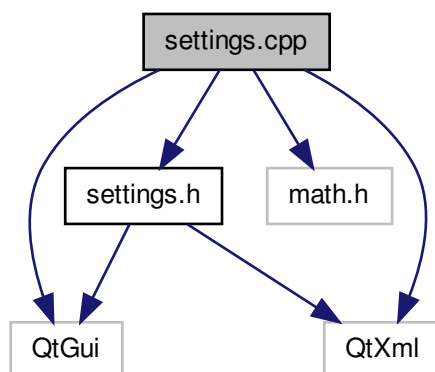
## Classes

- class [max1239](#)

## 4.3 settings.cpp File Reference

```
#include <QtGui>
#include <QtXml>
#include <math.h>
#include "settings.h"
```

Include dependency graph for settings.cpp:

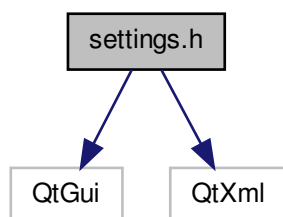


## 4.4 settings.h File Reference

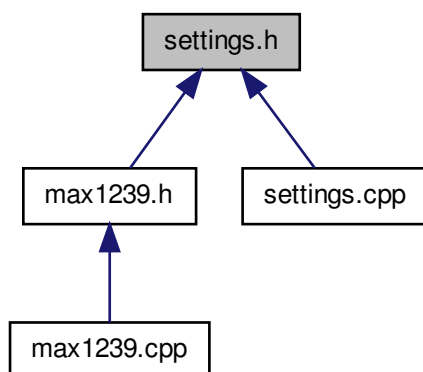
```
#include <QtGui>
```

```
#include <QtXml>
```

Include dependency graph for settings.h:



This graph shows which files directly or indirectly include this file:



## Classes

- class [sampleSettings](#)



# Index

- asQObject
  - max1239, [5](#)
- autoReconnect
  - sampleSettings, [7](#)
- connectTimeout
  - sampleSettings, [7](#)
- connectToPeer
  - max1239, [5](#)
- disconnectFromPeer
  - max1239, [5](#)
- guiPanel
  - sampleSettings, [7](#)
- host
  - sampleSettings, [7](#)
- max1239, [5](#)
  - asQObject, [5](#)
  - connectToPeer, [5](#)
  - disconnectFromPeer, [5](#)
  - max1239, [5](#)
  - pluginDescription, [6](#)
  - pluginName, [6](#)
  - pluginRunning, [6](#)
  - readXML, [6](#)
  - settingsPanel, [6](#)
  - statusIndicator, [6](#)
  - storeSettings, [6](#)
  - writeXML, [6](#)
  - xmlRootTag, [6](#)
- max1239.cpp, [9](#)
  - Q\_EXPORT\_PLUGIN2, [9](#)
- max1239.h, [9](#)
- messageTimeout
  - sampleSettings, [7](#)
- pluginDescription
  - max1239, [6](#)
- pluginName
  - max1239, [6](#)
- pluginRunning
  - max1239, [6](#)
- port
  - sampleSettings, [7](#)
- Q\_EXPORT\_PLUGIN2
  - max1239.cpp, [9](#)
- readXML
  - max1239, [6](#)
  - sampleSettings, [6](#)
- reconnectRate
  - sampleSettings, [7](#)
- sampleSettings, [6](#)
  - autoReconnect, [7](#)
  - connectTimeout, [7](#)
  - guiPanel, [7](#)
  - host, [7](#)
  - messageTimeout, [7](#)
  - port, [7](#)
  - readXML, [6](#)
  - reconnectRate, [7](#)
  - sampleSettings, [6](#)
  - sampleSettings, [6](#)
  - storeGUIValues, [7](#)
  - writeXML, [7](#)
- settings.cpp, [10](#)
- settings.h, [11](#)
- settingsPanel
  - max1239, [6](#)
- statusIndicator
  - max1239, [6](#)
- storeGUIValues
  - sampleSettings, [7](#)
- storeSettings
  - max1239, [6](#)
- writeXML
  - max1239, [6](#)
  - sampleSettings, [7](#)
- xmlRootTag
  - max1239, [6](#)