

MINI-MAX/51-C2

Unblock Procedure

Document Revision: 1.01

Document Date: December 24, 2013



16301 Blue Ridge Road, Missouri City, Texas 77489

Telephone: 1-713-283-9970 Fax: 1-281-416-2806

E-mail: info@bipom.com

Web: www.bipom.com

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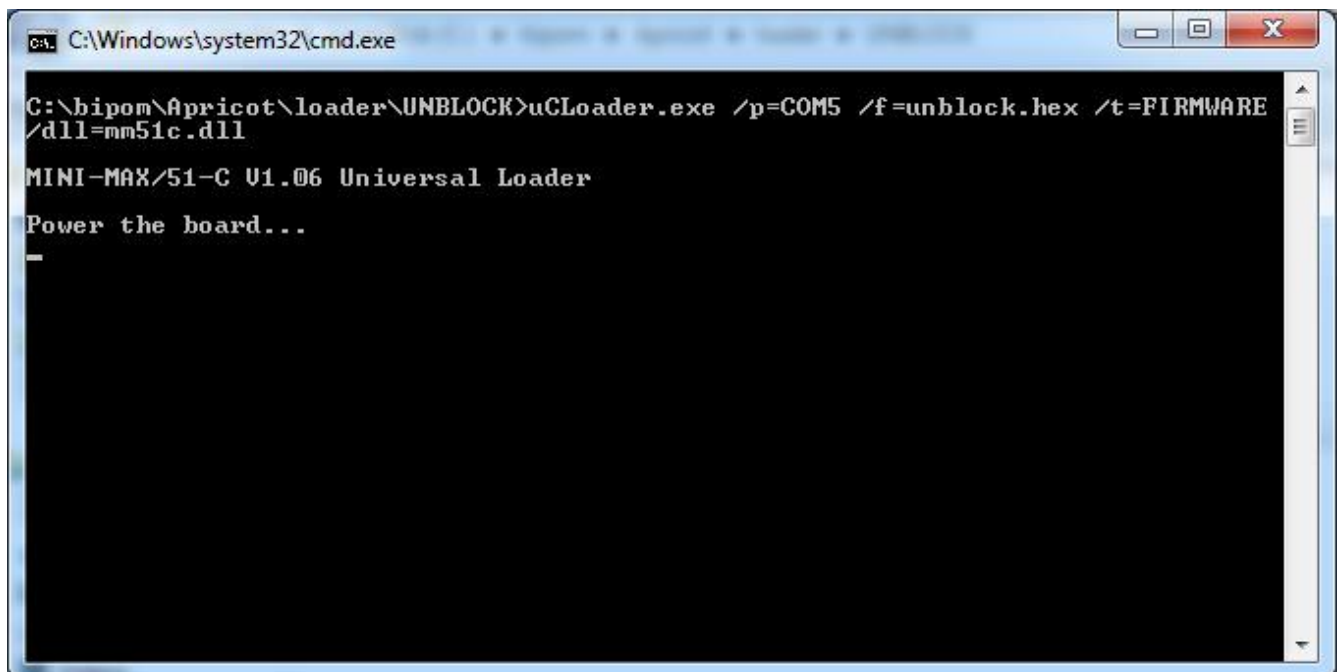
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Overview.

This document explains how to unblock Mini-Max/51-C2 board if the boot loader does not work due to pre-loaded incorrect user firmware.

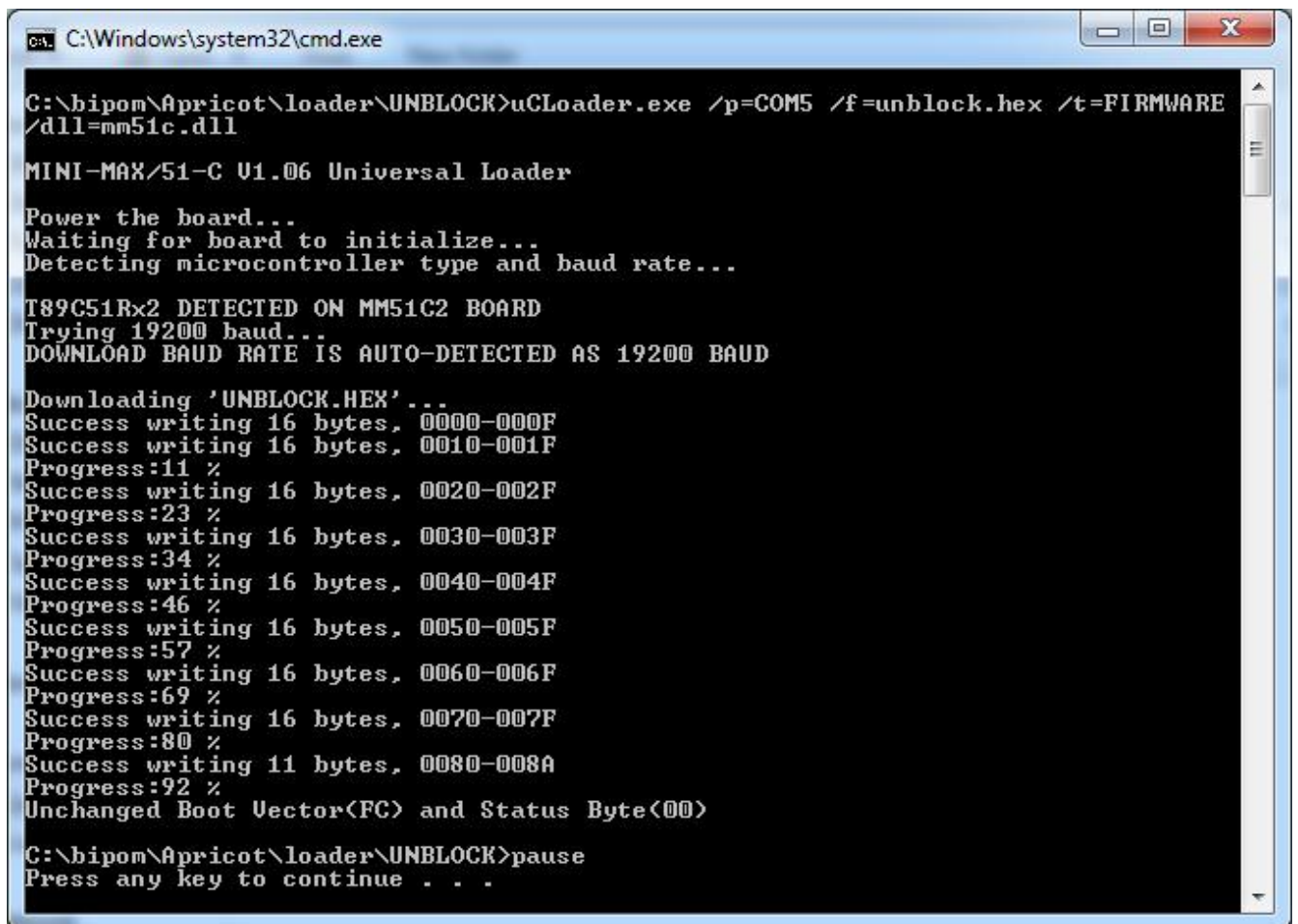
Unblock procedure.

1. A special software package is provided in UNBLOCK.ZIP. Please unzip that package to any folder of your hard drive.
2. Edit a command line of **unlock.bat** to match COM port of your setup
uCLoader.exe /p=COM5 /f=unlock.hex /t=FIRMWARE /dll=mm51c.dll
3. Disconnect a power line from the board .
4. Run the unlock.bat. You will see the picture below.



```
C:\Windows\system32\cmd.exe
C:\hipom\Apricot\loader\UNBLOCK>uCLoader.exe /p=COM5 /f=unlock.hex /t=FIRMWARE
/dll=mm51c.dll
MINI-MAX/51-C U1.06 Universal Loader
Power the board...
_
```

5. Power the board within 5 seconds. The unblock procedure will start.



```
C:\Windows\system32\cmd.exe
C:\bipom\Apricot\loader\UNBLOCK>uCLoader.exe /p=COM5 /f=unblock.hex /t=FIRMWARE
/dll=mm51c.dll

MINI-MAX/51-C U1.06 Universal Loader

Power the board...
Waiting for board to initialize...
Detecting microcontroller type and baud rate...

T89C51Rx2 DETECTED ON MM51C2 BOARD
Trying 19200 baud...
DOWNLOAD BAUD RATE IS AUTO-DETECTED AS 19200 BAUD

Downloading 'UNBLOCK.HEX' ...
Success writing 16 bytes, 0000-000F
Success writing 16 bytes, 0010-001F
Progress:11 %
Success writing 16 bytes, 0020-002F
Progress:23 %
Success writing 16 bytes, 0030-003F
Progress:34 %
Success writing 16 bytes, 0040-004F
Progress:46 %
Success writing 16 bytes, 0050-005F
Progress:57 %
Success writing 16 bytes, 0060-006F
Progress:69 %
Success writing 16 bytes, 0070-007F
Progress:80 %
Success writing 11 bytes, 0080-008A
Progress:92 %
Unchanged Boot Vector<FC> and Status Byte<00>

C:\bipom\Apricot\loader\UNBLOCK>pause
Press any key to continue . . .
```