

Getting Started:

The TMDSEVM6472 ships with a Power On self Test (POST) flashed in to I2C EEPROM. The POST will be automatically executed when the board is powered ON. POST will perform memory test and internal EMAC loopback test. At 'power on' the user LEDs will be OFF by default. The LEDs will blink and turn OFF to indicate successful DSP booting. Then after, User LED-1 will turn ON to indicate successful RAM test and User LED-2 will turn ON to indicate successful internal EMAC loop-back test. These LEDs will remain ON to indicate success of both the tests.

Please refer EVM User Guide for software installation and other details.

Helpful Hints:

- Plug in all the cables before turning the EVM ON to ensure proper grounding.
- Do not unnecessarily flex the boards, while inserting cables. Excessive flexing can break the PCB traces.

Online Documentation

Most of the information on EVM6472 is available online. Some of the most commonly used resources are mentioned below:

EVM6472 Information:

<http://www.einfochips.com/TI-TMS320C6472-EVM.php>

This link contains:

- Hardware & software details
- User Guide
- Technical Reference Manual
- TMS320C6472 Datasheet
- Frequently Asked Questions (FAQ)

C6472 DSP Information:

<http://focus.ti.com/docs/prod/folders/print/tms320c6472.html>

EVM6472 Support:

Please write to evm6472support@einfochips.com for technical queries related to this EVM.

einfochips Address:

einfochips Limited
303 Parishram Building, 5/B Rashmi Society,
Mithakhali Six Road, Navarangpura,
Ahmedabad - 380009
Gujarat, INDIA.
Tel: +91-79-2656 3705
Fax: +91-79-2656 0722

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Note: The European Free Call (Toll Free) number is not active in all countries. If you have technical difficulty calling the free call number, please use the international number above.

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Korea 080-551-2804 Thailand 001-800-886-0010
Fax +886-2-2378-6808 Email tiasia@ti.com
ti-china@ti.com

Internet support.ti.com/sc/pic/asia.htm

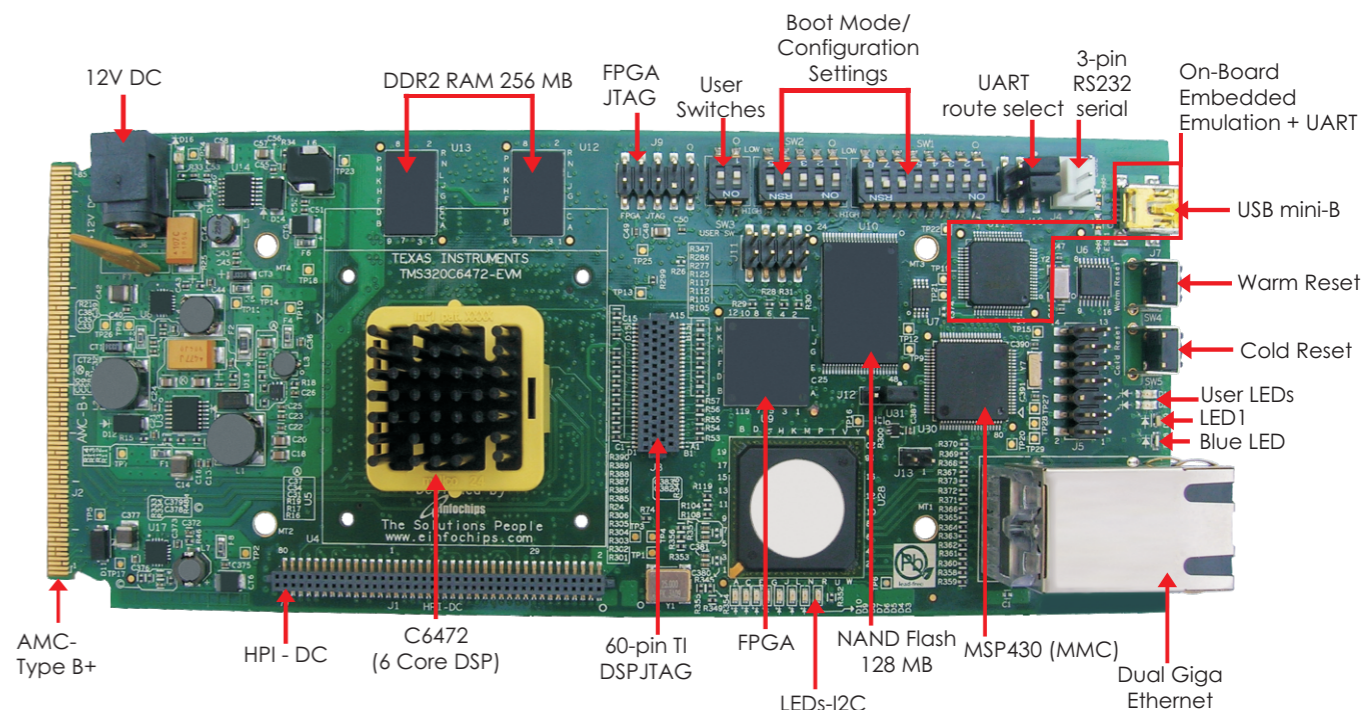
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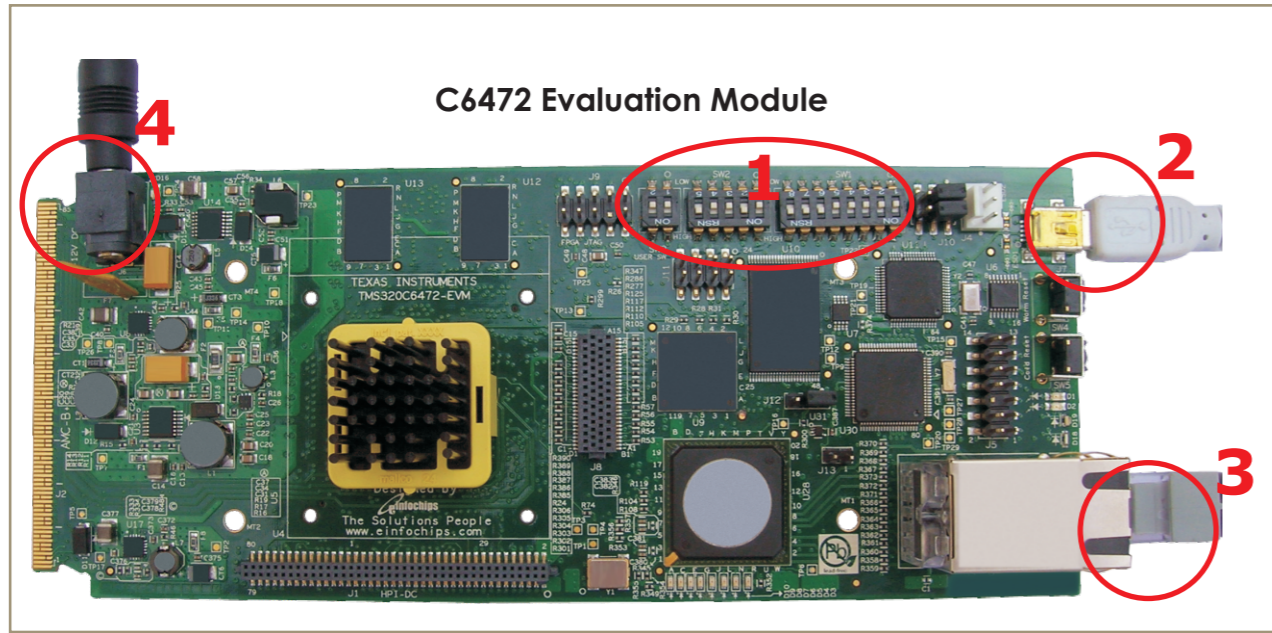
TMDSEVM6472



TMS320C6472 Evaluation Module Quick Setup Guide



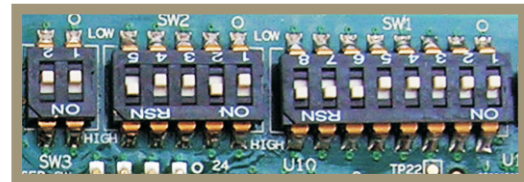
(Actual Board may look slightly different due to version upgrade)



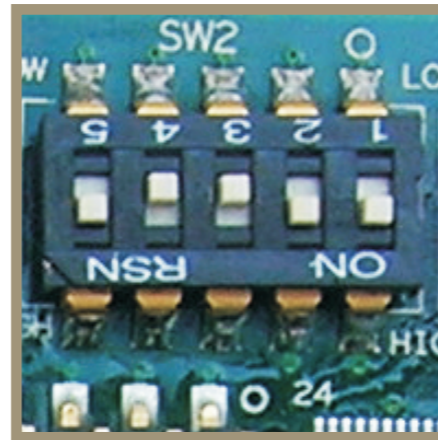
C6472 Evaluation Module

The TMDSEVM6472 (Evaluation Module) kit includes:

- TMS320C6472 Evaluation Module (Printed circuit board assembly)
- Power supply and power cord
- USB Cable for on-board JTAG emulation
- Ethernet cable
- 3-Pin to 9-Pin DTE UART cable
- Software (DVD) and documentation

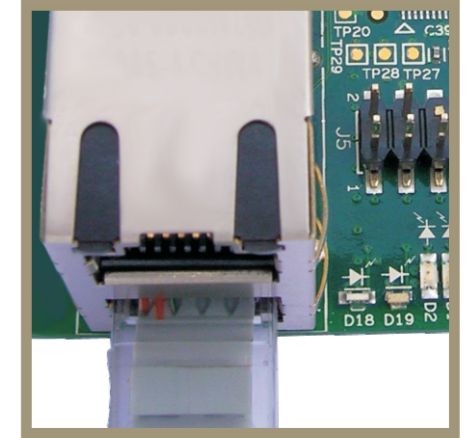


1 Ensure EVM configuration switches are set as shown to run Power On Self Test (POST).

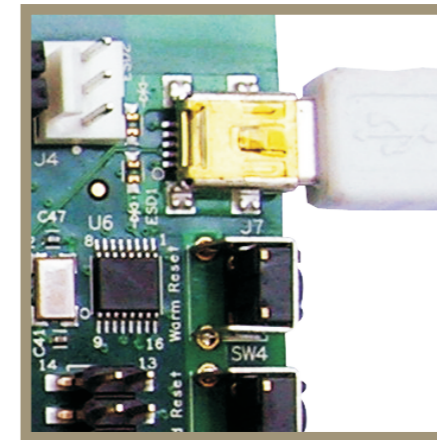


1a To run Out-Of-Box demo through NAND, configure the switches as shown above.

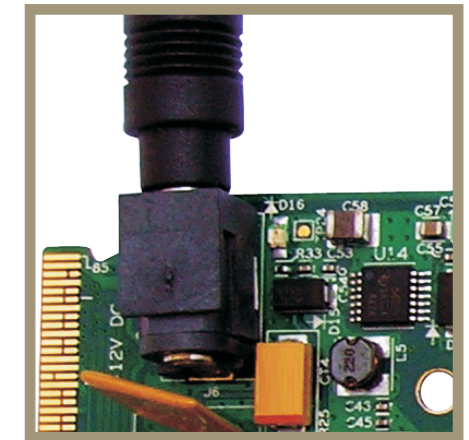
1a The TMDSEVM6472 is also shipped with an Out-Of-Box Demo application flashed into NAND. This is a network based application which starts an HTTP server and a TELNET server with the static IP address 192.168.2.100. Be sure the first switch in the dual-switch SW3 is off. In order to connect to the board, the test PC should be configured with a compatible static IP address such as 192.168.2.101. Once the User LEDs blink and turn OFF (indicating successful NAND boot) the user can access the following URL through a browser to view the Out-Of-Box demo: <http://192.168.2.100>



3 Connect Ethernet switch / router / PC to the lower Gigabit Ethernet port (J3) of TMDSEVM6472 board using an Ethernet cable to access EMAC0.



2 Connect the Mini-USB cable to J7 plug for on board embedded emulation, as shown in figure. (For use with CCS debugger only)



4 Connect the 12V DC power adapter (supplied with the kit) to power jack (J6).