

Getting Started:
The TMDSEVM6457LE ships with a Power On self Test (POST) flashed into I2C EEPROM. The POST will be automatically executed when the board is powered ON. POST will perform memory test and 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 EMAC loop-back test. These LEDs will remain ON to indicate success of both the tests.

Please refer MCSDK Getting Started Guide and MCSDK 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 TMDSEVM6457LE is available online. Some of the most commonly used resources are mentioned below:

TMDSEVM6457LE Information:
<http://www.einfochips.com/TI-TMDSEVM6457L.php>

- This link contains:
- Hardware & software details
 - Technical Reference Manual
 - TMS320C6457 Datasheet
 - Frequently Asked Questions (FAQ)

C6457 DSP Information:
<http://focus.ti.com/docs/prod/folders/print/tms320c6457.html>

EVM6457 Support:
Please write to evm6457support@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

TI Worldwide Technical Support			
Internet			
TI Semiconductor Product Information Center Home Page support.ti.com			
TI Semiconductor KnowledgeBase Home page support.ti.com/sc/knowledgebase			
Product Information Centers			
Americas			
Phone	+1(972) 644-5580	Fax	+1(972)927-6377
Internet/Email	support.ti.com/sc/pic/americas.htm		

Europe, Middle East and Africa			
Phone			
European Free Call	00800-ASK-TEXAS (00800 275 83927)		
International	+49 (0) 8161 80 2121		
Russian Support	+7 495 981 0701		
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.			
Fax	+(49) (0) 8161 80 2045		
Internet	support.ti.com/sc/pic/euro.htm		

Japan			
Fax			
International	+81-3-3344-5317	Domestic	0120-81-0036
Internet/Email			
International	support.ti.com/sc/pic/japan.htm		
Domestic	www.tij.co.jp/pic		

Asia			
Phone			
International	+91-80-413816651-		
Domestic	Toll-Free-Number		Toll-Free-Number
Australia	800-999-084	Malaysia	1-800-80-3973
China	800-820-8682	New Zealand	0800-446-934
Hong Kong	800-96-5941	Philippines	1-800-765-7404
India	1-800-425-7888	Singapore	800-886-1028
Indonesia	001-803-8861-1006	Taiwan	0800-006800
Korea	080-551-2804	Thailand	001-800-886-0010
Fax		Email	tiasia@ti.com ti-china@ti.com
Internet		support.ti.com/sc/pic/asia.htm	

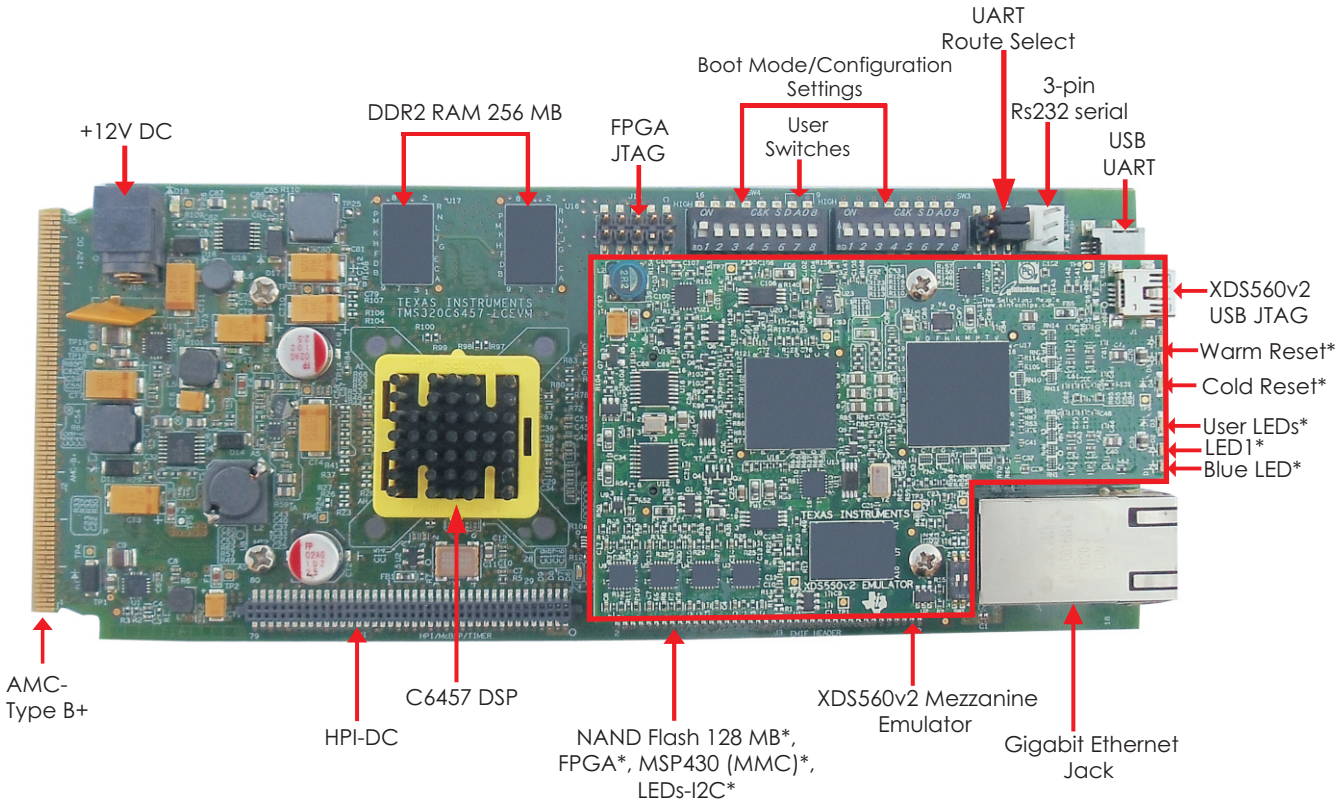
Important Notice: The products and services of Texas Instruments Incorporated and its subsidiaries described herein are sold subject to TI's standard terms and conditions of sale. Customers are advised to obtain the most current and complete information about TI products and services before placing orders. TI assumes no liability for applications assistance, customer's applications or product designs, software performance, or infringement of patents. The publication of information regarding any other company's products or services does not constitute TI's approval, warranty or endorsement thereof.

The floating bar is a trademark of Texas Instruments.
All other trademarks are the property of their respective owners

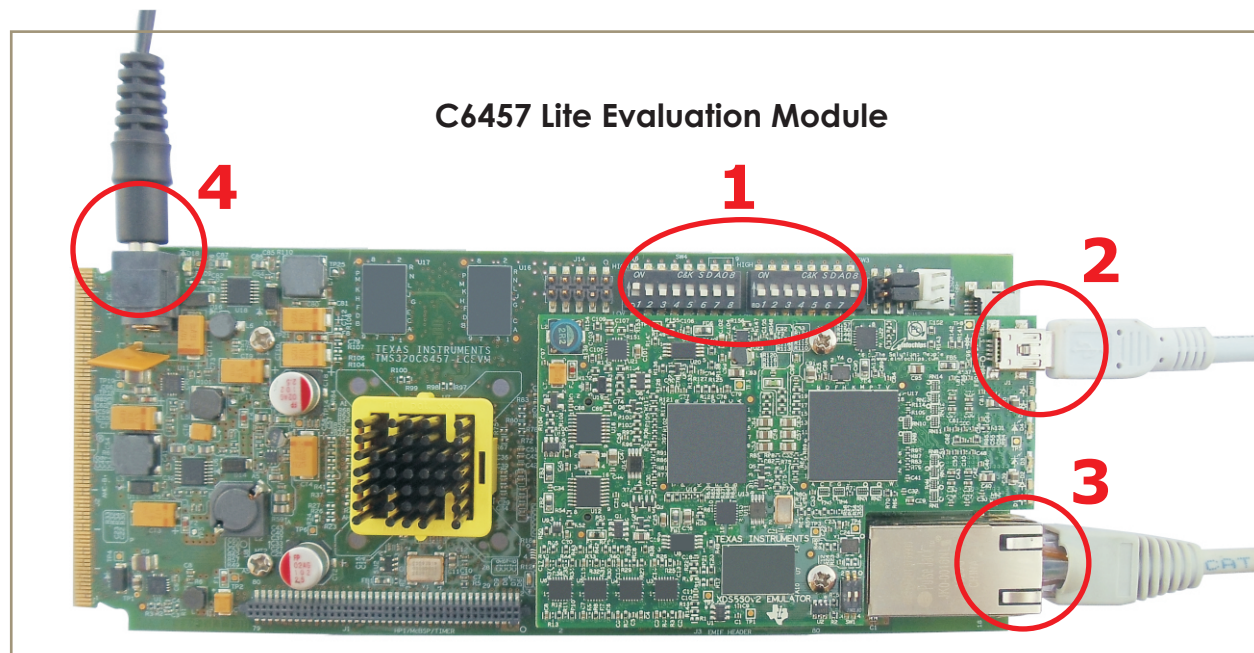
TMDSEVM6457LE



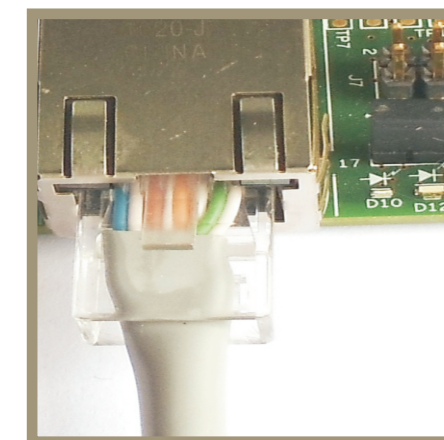
TMS320C6457 Lite Evaluation Module (with integrated XDS560v2 Emulator) Quick Setup Guide



(*Note: Beneath the emulator)



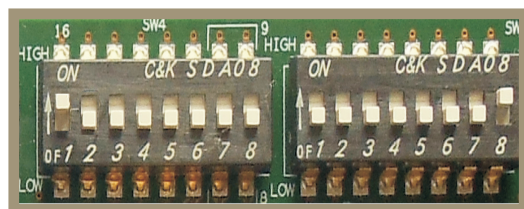
1a The TMDSEVM6457LE is also shipped with an Out-Of-Box Demo application flashed into NAND. This is a network based application which starts an HTTP server and a TELNET server with the static IP address 192.168.2.100. Be sure the seventh switch in SW4 is off. In order to connect to the board, the test 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>



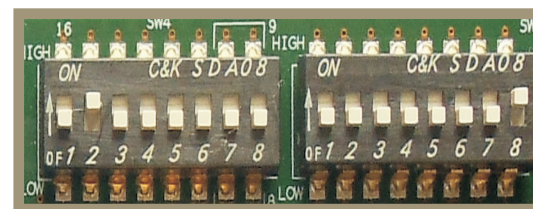
3 Connect Ethernet switch / router / PC to the Gigabit Ethernet port (J4) of TMDSEVM6457LE board using an Ethernet cable to access the EMAC port.

The TMDSEVM6457LE (Evaluation Module) kit includes:

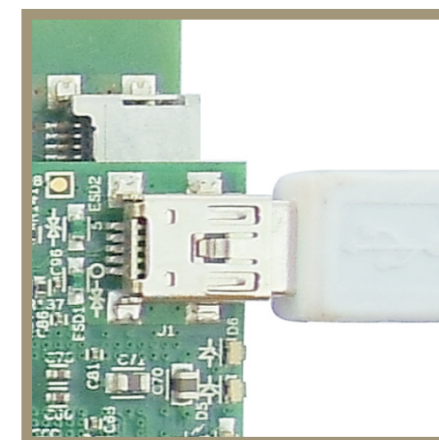
- TMS320C6457 Lite Evaluation Module with integrated XDS560v2 Emulator
- Power supply and power cord
- USB Cable for JTAG emulation
- Ethernet cable
- 3-Pin to 9-Pin DTE UART cable
- Software (DVD) and documentation



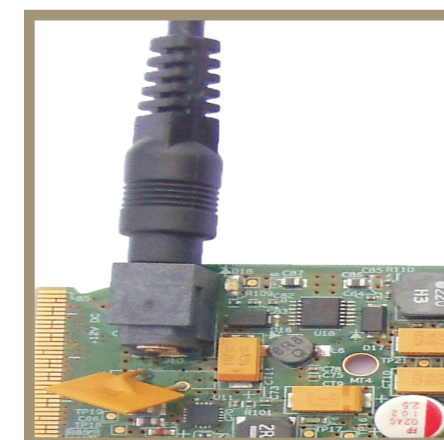
1 Ensure EVM configuration switches are set as shown to run Power On Self Test (POST).



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



2 Connect the Mini-USB cable to J1 plug on XDS560v2 Emulator for high speed 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 (J10).