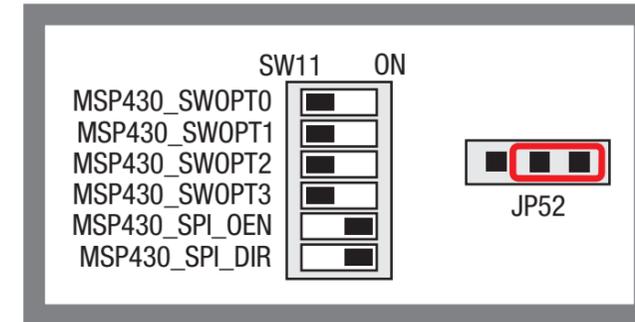
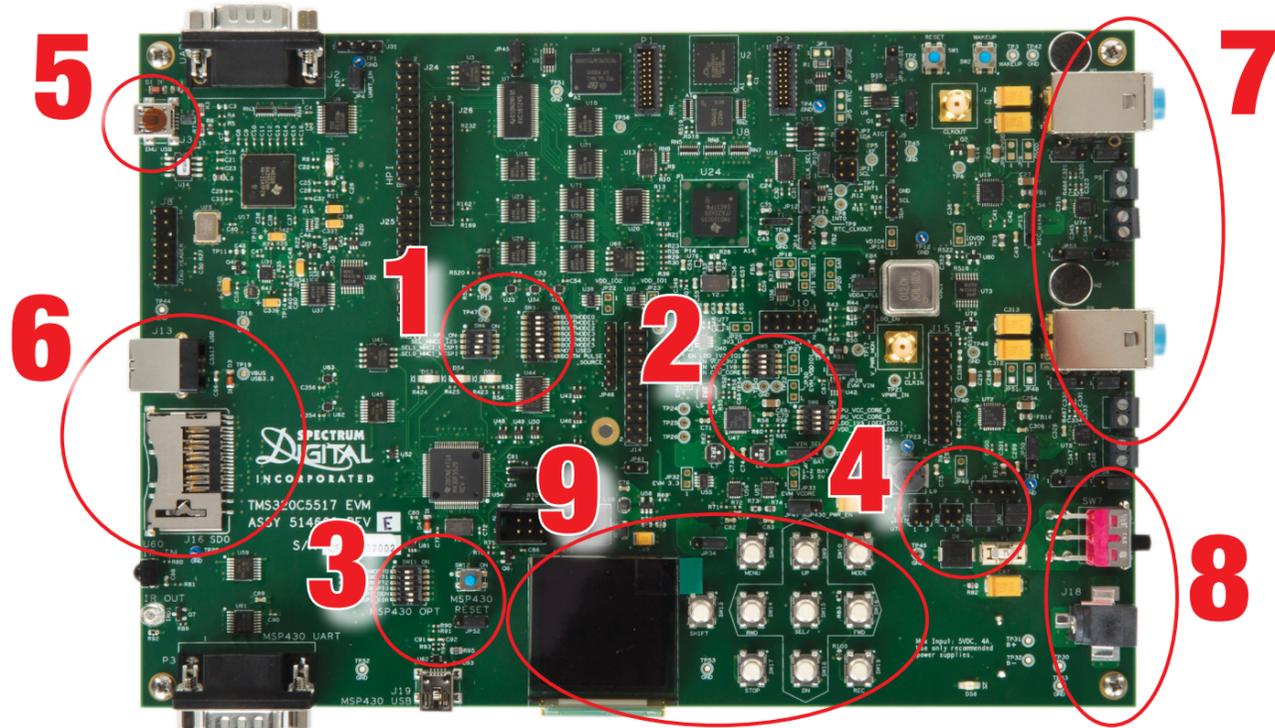
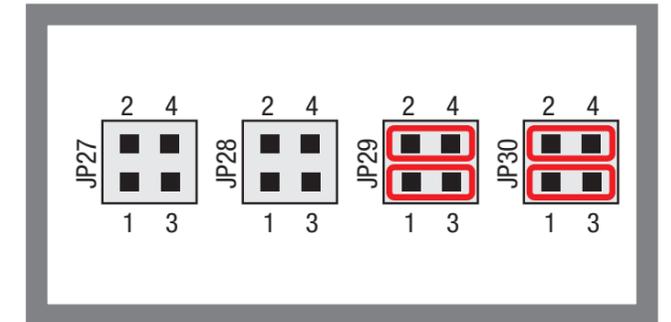


Welcome to the C5517 Evaluation Module (EVM) Quick Start Guide. The guide is designed to help you through the initial setup of the EVM. The C5517 EVM contains the following:

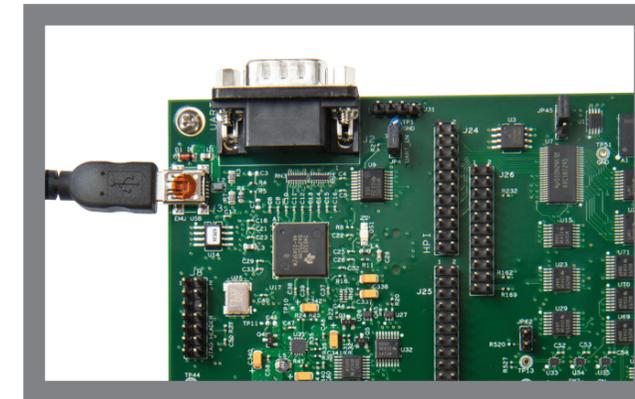
- C5517 DSP general-purpose board with:
 - C5517 ultra-low power DSP
 - TPS65023 power management IC
 - MSP430F5529 MCU
 - 2× AIC3204 audio codecs
 - On-board emulation (XDS510 class)
 - 128 Mb SDRAM
- Printed documents
 - C5517 Quick Start Guide (this document)
- Miscellaneous
 - Power supply with international adapters
 - 2× USB cables
 - 1× 3.5-mm AUX cable



3 Verify that MSP430 SW11 is configured **ON** for **MSP430_SPI_OEN** (required for DSP to communicate to OLED display) and **MSP_430_SPI_DIR**. Verify jumper **JP52** connects **pins 1 and 2**.



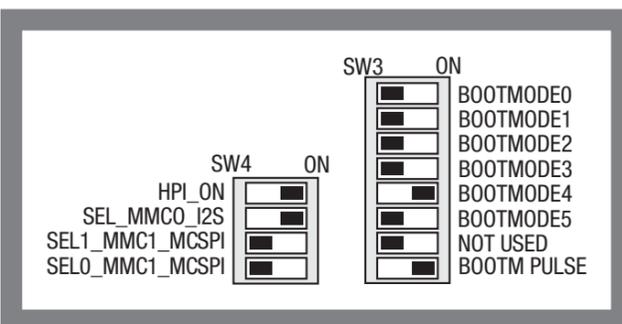
4 Configure audio codec jumpers **JP29** and **JP30**. **JP29** should connect **pins 1 and 3; 2 and 4**. **JP30** should also connect **pins 1 and 3; 2 and 4**.



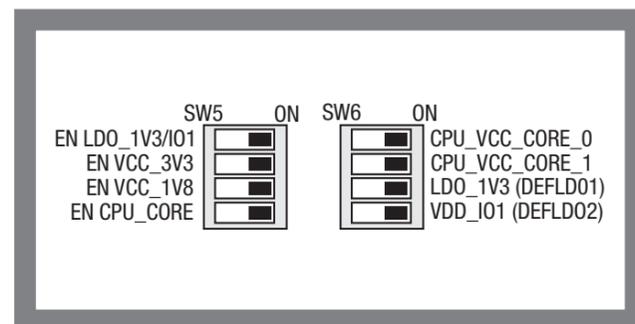
5 Connect micro USB cable to **EMU USB** and the development computer. This will enable programming and debugging through Code Composer Studio™ (CCStudio) Integrated Development Environment.



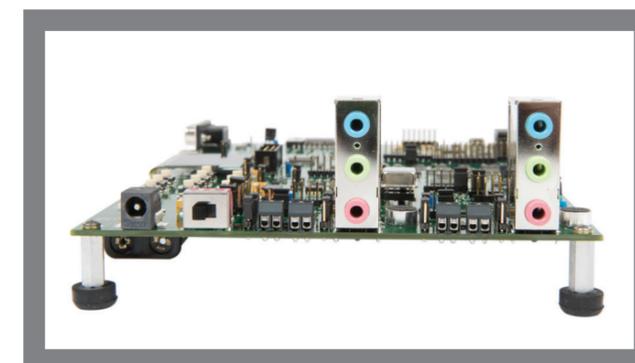
6 *Optional:* Connect optional USB B cable to the **C5517 USB** data port for USB boot and data transfer. Insert the SD card for additional storage memory.



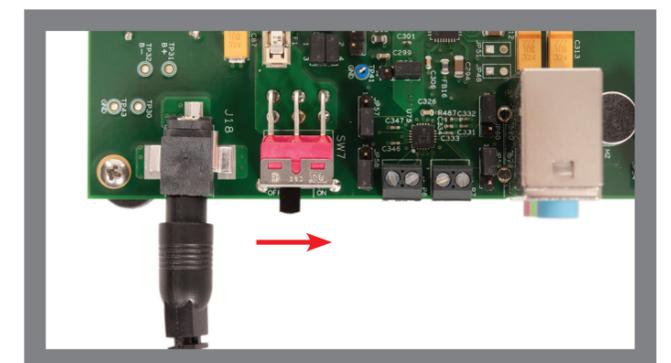
1 Verify that **SW4** is set to **HPI_ON** only, and **SW3** is set to **BOOTMODE4** to boot from NOR Flash at 12MHz.



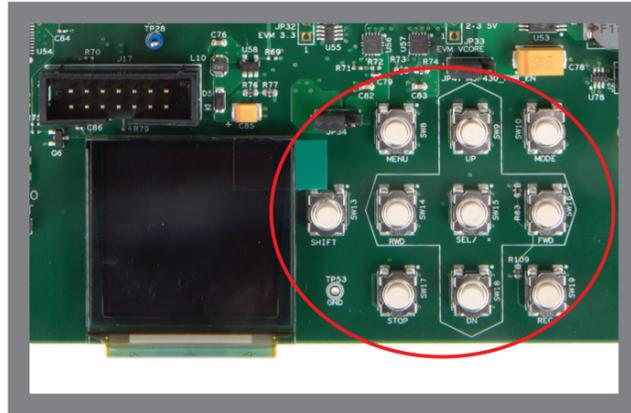
2 Verify that all power-related **SW5** and **SW6** are set to **ON** on all switches.



7 *Optional:* Connect 3.5-mm AUX cable or headphones to the green connection (**P8** or **P9**) on the audio interface for audio output.



8 Plug in 5-V DC power supply to **J18** input and switch (**SW7**) the board on.



9 Navigate through demos and examples on the OLED display using the navigation buttons.

Warning! To minimize risk of personal injury or property damage, never use rechargeable batteries to power the boards. Only use 1.5V AAA alkaline batteries.

External Power Supply Requirements:

Nom Voltage: 5 VDC
Max Current: 3 A
Efficiency Level V

Please visit www.ti.com/DevelopC5517 for the full EVM user's guide and information on CCStudio IDE configuration and software installation.

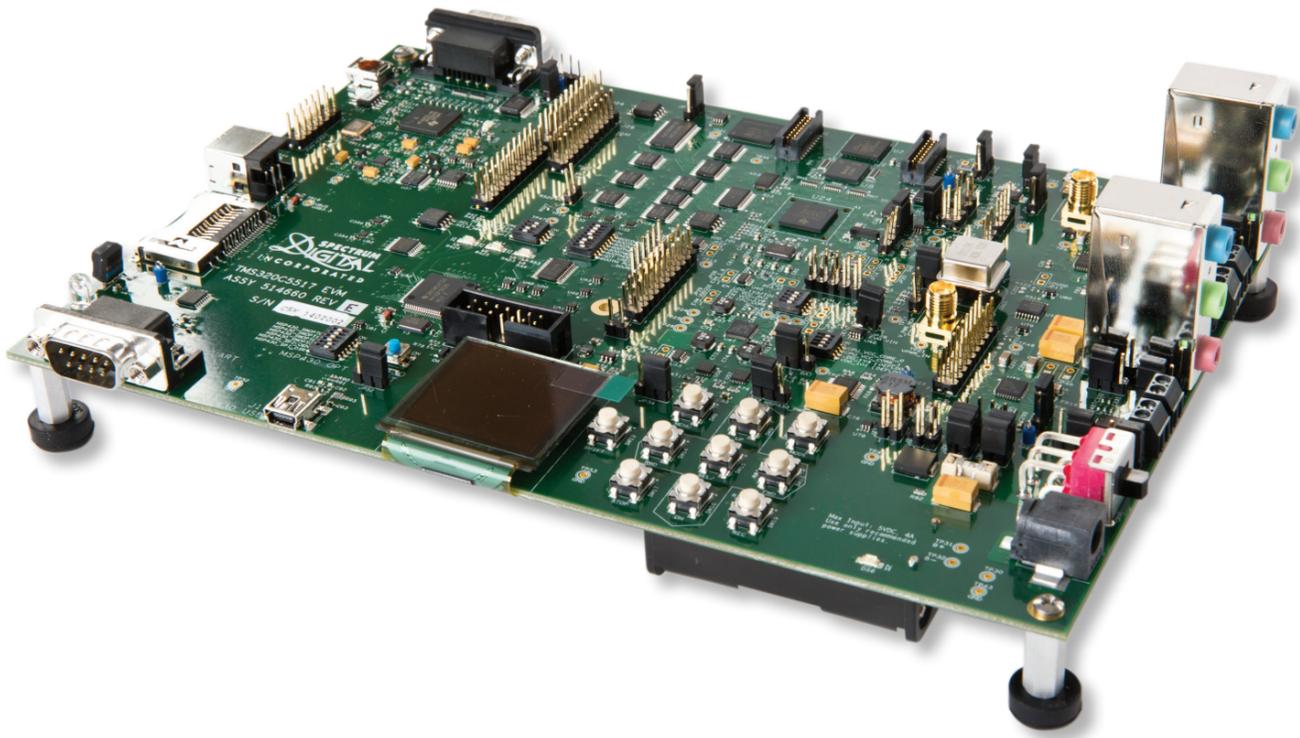
For more information on the C5517 DSP or to download the latest software, please visit www.ti.com/c5517

For support questions, please contact: support@ti.com or www.ti.com/e2e

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Note that there should only be one active power source at any one time. Do not leave the EVM powered when unattended.

External Power Supply Regulatory Compliance Certifications: Recommend selection and use of an external a power supply which meets TI's required minimum electrical ratings in addition to complying with applicable regional product regulatory/safety certification requirements such as (by example) UL, CSA, VDE, CCC, PSE, etc.



For more information:
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C5517 EVM Quick Start Guide

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