## Items used in this QuickStart Guide.
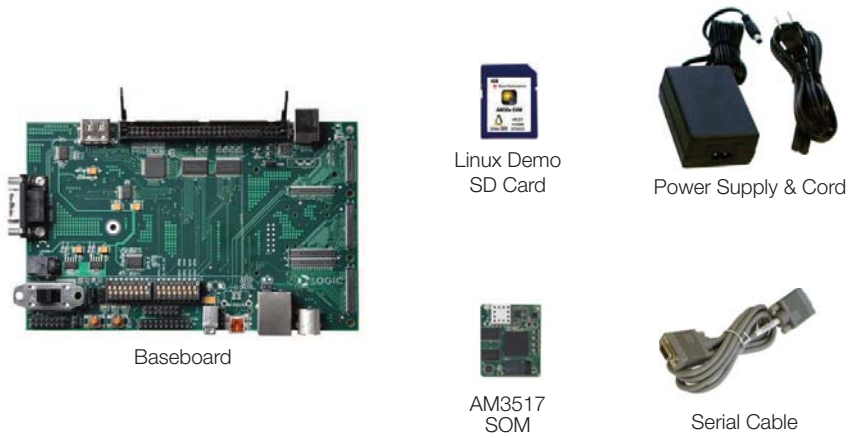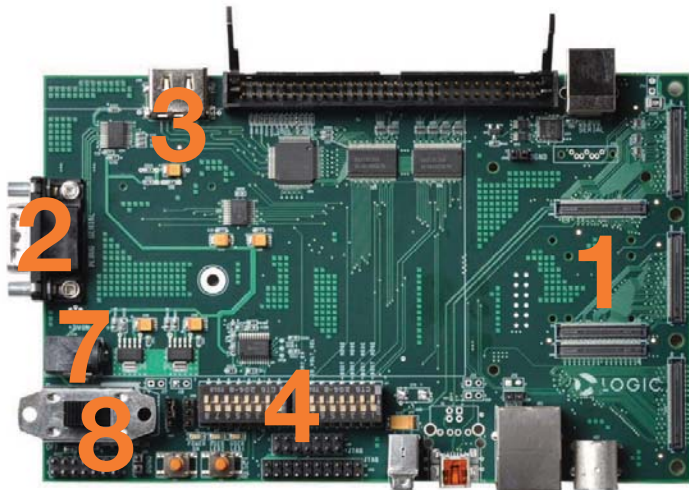(Complete kit contents provided on the included Packing List.)

Baseboard

Linux Demo
SD Card

Power Supply & Cord

AM3517
SOM

Serial Cable

## Important baseboard locations.
(Numbers correspond to the steps on the right.)

## Demo setup.
(Setup development kit to sample OS demos.)

**1** Connect SOM (align all 3 connectors), press straight down over connectors

**2** Connect serial cable to baseboard and host PC

**3** Insert Linux SD card (slot on bottom of baseboard)

**4** Verify DIP switches S7:1 and S7:4 are set to **ON**; this enables booting from SD cards

**5** Launch TeraTerm* with the terminal settings 115200:8:n:1:n

Tera Term: Serial port setup

| Port: | COM1 | OK |
|---|---|---|
| Baud rate: | 115200 | |
| Data: | 8 bit | Cancel |
| Parity: | none | |
| Stop: | 1 bit | Help |
| Flow control: | none | |

**6** Connect power cord and supply

**7** Connect power to baseboard and electric outlet

**8** Switch power on

**9** U-Boot will load; press a key within 10 seconds for U-Boot prompt**

Net:   davinci_emac_initialize
Ethernet PHY: GENERIC @ 0x00
DaVinci EMAC
Hit any key to stop autoboot: 0
AM3517_EVM #

*If TeraTerm is not already installed, it can be downloaded from Logic PD's website: http://support.logicpd.com/downloads/240/

**If a key is not pressed within 10 seconds, U-Boot automatically launches Linux Kernel and demo application. The demo application utilizes a 4.3" WQVGA LCD (not included).

Next steps.

## Next steps.
(Prepare for development.)

**10** Register Your Kit

To gain access to additional documentation and software, register your kit on the Logic PD website at:
**support.logicpd.com/auth/register_product.php**

**11** Documentation Overview

Whether you are developing for hardware or software, the Documentation Overview provides a path for progressing through the available documentation. Locate the Documentation Overview PDF with active links to the documents on the Logic PD website at:
**support.logicpd.com/downloads/1453/**

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## Troubleshooting

If you are having trouble accessing the demo on the included SD card, try the following:

+Verify that the AM3517 SOM is securely connected to the baseboard.
+Verify that DIP switches S7:1 and S7:4 are in the ON position, while all others are in the OFF position.
+Verify that the correct SD card is inserted into the baseboard.

For support questions, please contact:
**support.logicpd.com/support/askaquestion.php**

For community support, please visit:
**www.ti.com/e2e**

The TI Embedded Processors Wiki can be found at:
**processors.wiki.ti.com**

For more information on the TI AM3517 processor or to download the latest TI software, please visit:
**www.ti.com/am3517**

ZOOM™
AM3517
eXperimenter Kit

For more information:
**www.logicpd.com/am3517exp**
**www.ti.com/am3517**

# QuickStart Guide



Congratulations on your purchase of the Zoom AM3517 eXperimenter Kit. This Zoom Development Kit provides a product-ready hardware and software platform for evaluating the functionality of the Texas Instruments (TI) AM3517 processor and the Logic PD System on Module (SOM).

PN 1020109A

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