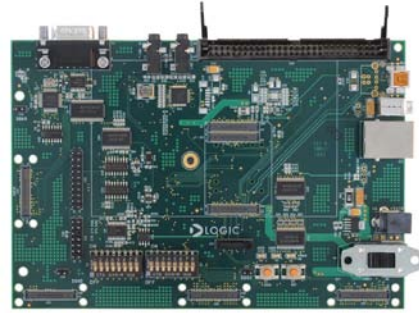


Items used in this QuickStart Guide.

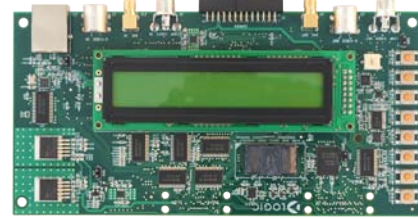
(Complete kit contents is provided on the included Packing List.)



Baseboard



4.3" LCD



User Interface (UI) Board



OMAP-L138 SOM-M1



USB SD Card Reader



SD Cards (Linux & Windows CE Demos)



Power Supply & Cord (use power cord specific to your region)



Ethernet Cable



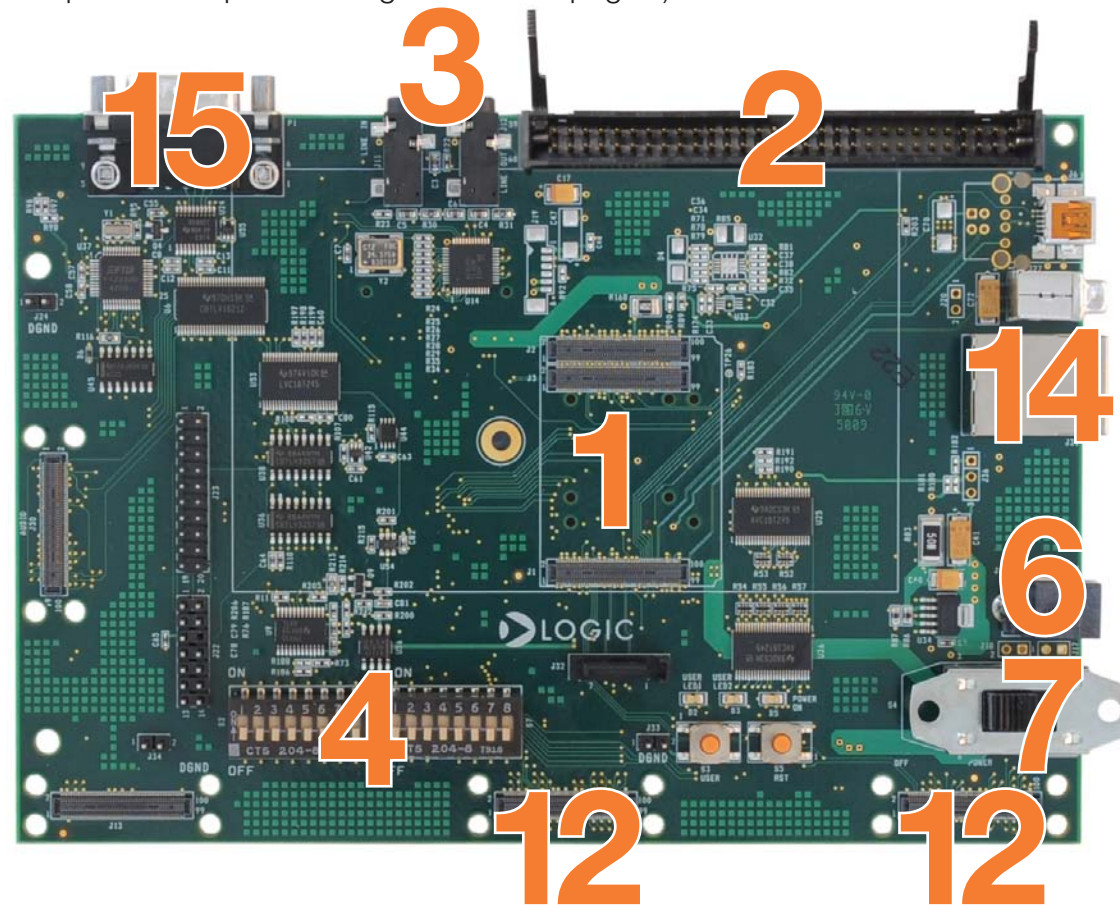
Serial Cable



Ubuntu CD

Important baseboard locations.

(Numbers correspond to steps on the right and back pages.)

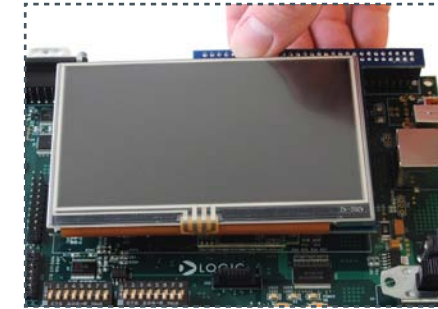


Demo setup.

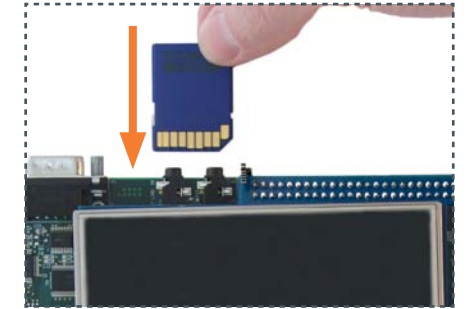
(Setup development kit to sample OS demos.)



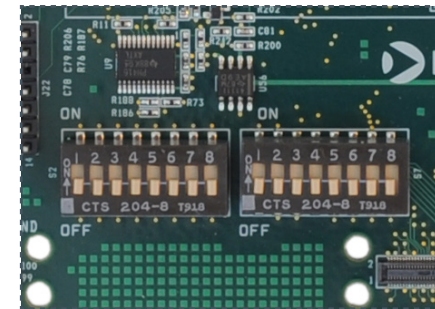
1 Connect OMAP-L138 SOM (use outline on baseboard for positioning), press straight down over connectors



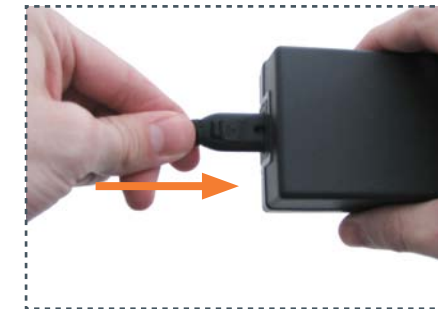
2 Connect 4.3" LCD, remove protective plastic covering



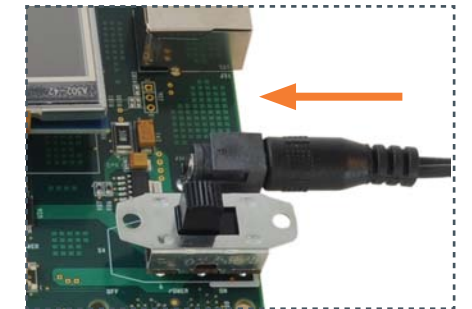
3 Choose OS demo and insert SD card (slot on bottom of baseboard)



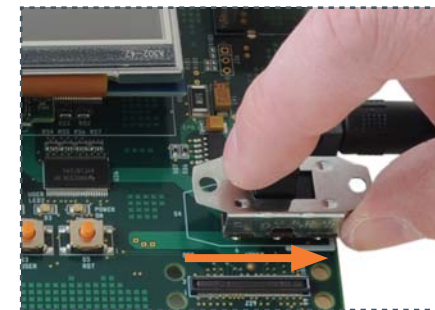
4 Verify all DIP switches are set to OFF



5 Connect power cord and supply



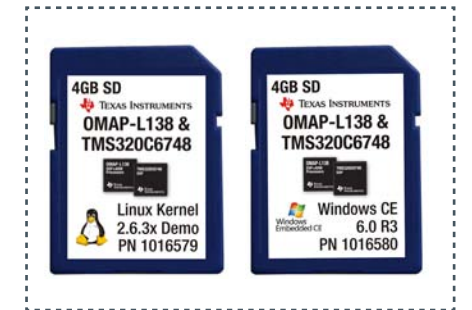
6 Connect power to baseboard



7 Switch power on



8 GUI will appear on LCD screen (Linux demo shown)



9 To sample the other OS demo, power off kit and repeat Steps 3–8 using the other SD card

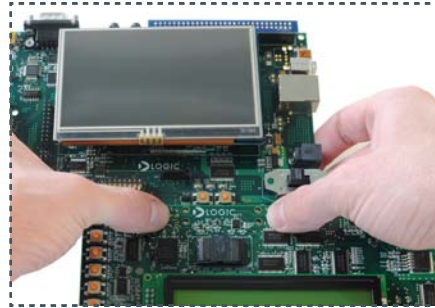
Next steps

Next steps.

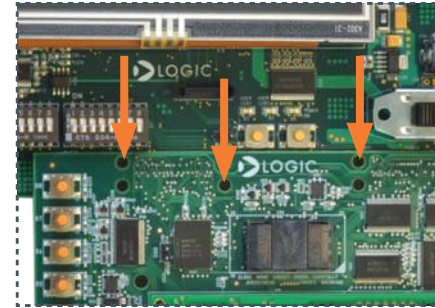
(Prepare your workstation for software development.)



10 Power off kit, remove SD card and insert into included USB SD card reader; connect USB SD card reader to host PC



11 Connect UI board to baseboard connectors at center and on the right



12 Secure boards with included nylon screws at the locations indicated



13 Connect Ethernet cable to baseboard and host PC or router



14 Connect serial cable to baseboard and host PC

Windows CE SDK

If the Windows CE SD card is connected to your host PC, locate the START HERE folder on the SD card and run setup.htm.

Linux DVSDK

If the Linux SD card is connected to your host PC, insert the included Ubuntu CD into the host PC and boot from CD. Locate the START HERE folder on the SD card and run setup.htm.

ZOOM™ OMAP-L138 EVM

For more information:
www.logicpd.com/omap138evm

QuickStart Guide



Troubleshooting

If you are having trouble accessing the OS demos on the included SD cards, try the following:

- +Verify that the OMAP-L138 SOM is securely connected to the baseboard.
- +Verify that all the DIP switches are set to the OFF position.
- +Verify that the correct SD card is inserted into the baseboard.

Register Your Kit

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

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 OMAP-L138 processor or to download the latest TI software, visit:
www.ti.com/omap-l138-prprod1

LOGIC PD™ 411 N. Washington Ave. Suite 400 Minneapolis, MN 55401
T : 612.672.9495 F : 612.672.9489 I : www.logicpd.com

©2010 Logic Product Development Company. All rights reserved. Zoom is a trademark of Logic Product Development. OMAP is a registered trademark of Texas Instruments Incorporated. Terms and product names in this document may be trademarks of others.

Congratulations on your purchase of the Zoom OMAP-L138 EVM Development Kit. This Zoom Development Kit provides a product-ready hardware and software platform for evaluating the functionality of the Texas Instruments (TI) OMAP-L138 processor and the Logic PD System on Module (SOM).

