

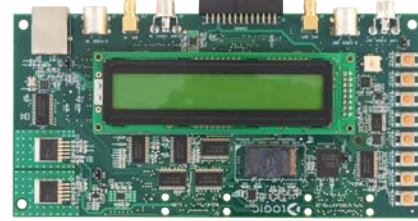
Items used in this QuickStart Guide.  
(Complete kit contents provided on the included Packing List.)



Baseboard



4.3" LCD



User Interface (UI) Board



OMAP-L138 SOM-M1



SD Cards  
(Linux & Windows CE Demos)



USB SD Card Reader



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

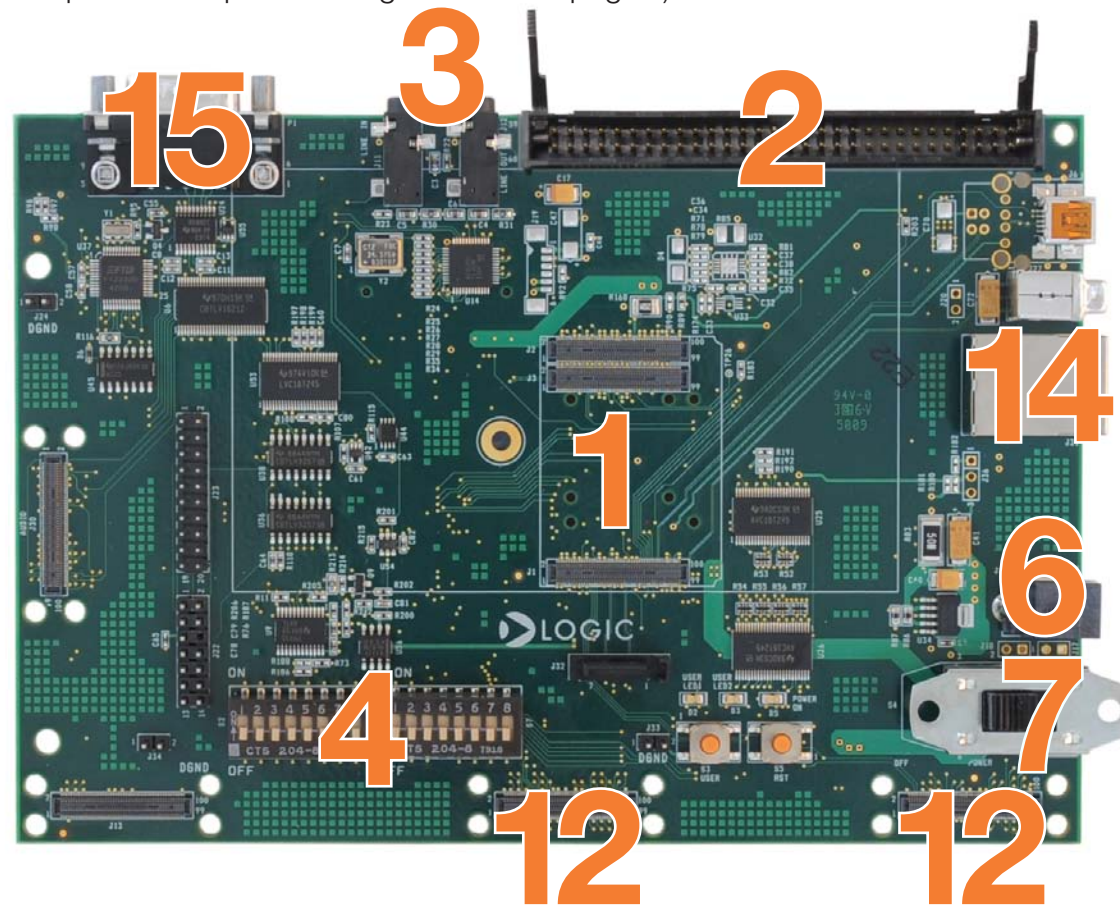


Ethernet Cable



Serial Cable

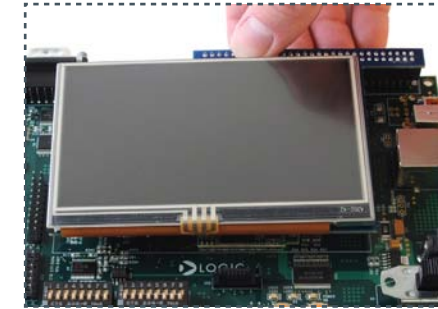
Important baseboard locations.  
(Numbers correspond to steps on the right and back pages.)



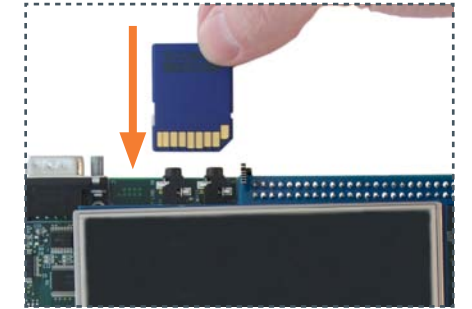
Demo setup.  
(Setup development kit to sample OS demos.)



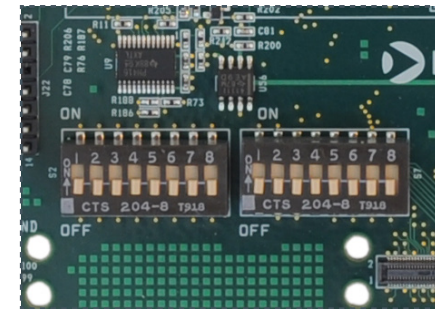
**1** Connect OMAP-L138 SOM (use outline on baseboard for positioning), press straight down over connectors



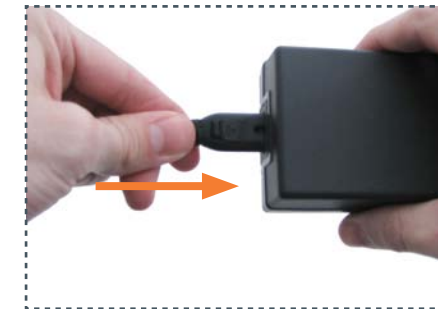
**2** Connect 4.3" LCD, remove protective plastic covering



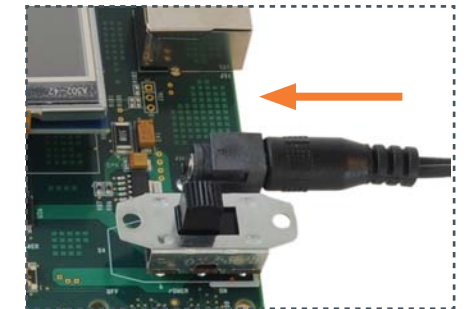
**3** Choose OS demo and insert SD card (slot on bottom of baseboard)



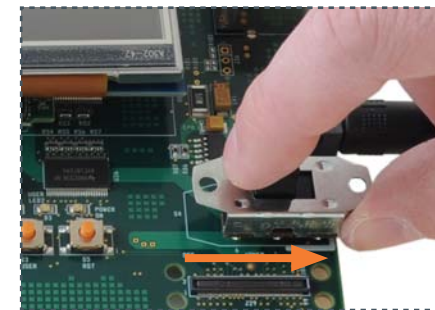
**4** Verify all DIP switches are set to OFF



**5** Connect power cord and supply



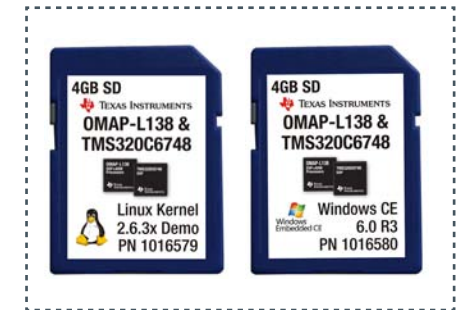
**6** Connect power to baseboard and electric outlet



**7** Switch power on



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



**9** To sample the other OS demo: power off kit, remove SD card, and repeat Steps 3 and 7 using the other SD card

Next steps

## Next steps.

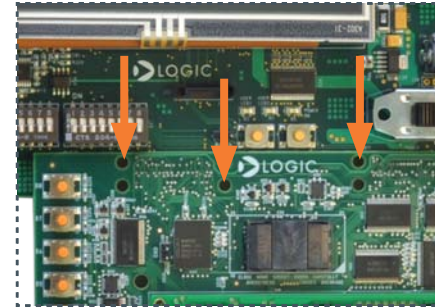
(Prepare your workstation for software development.)



**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 open setup.htm.

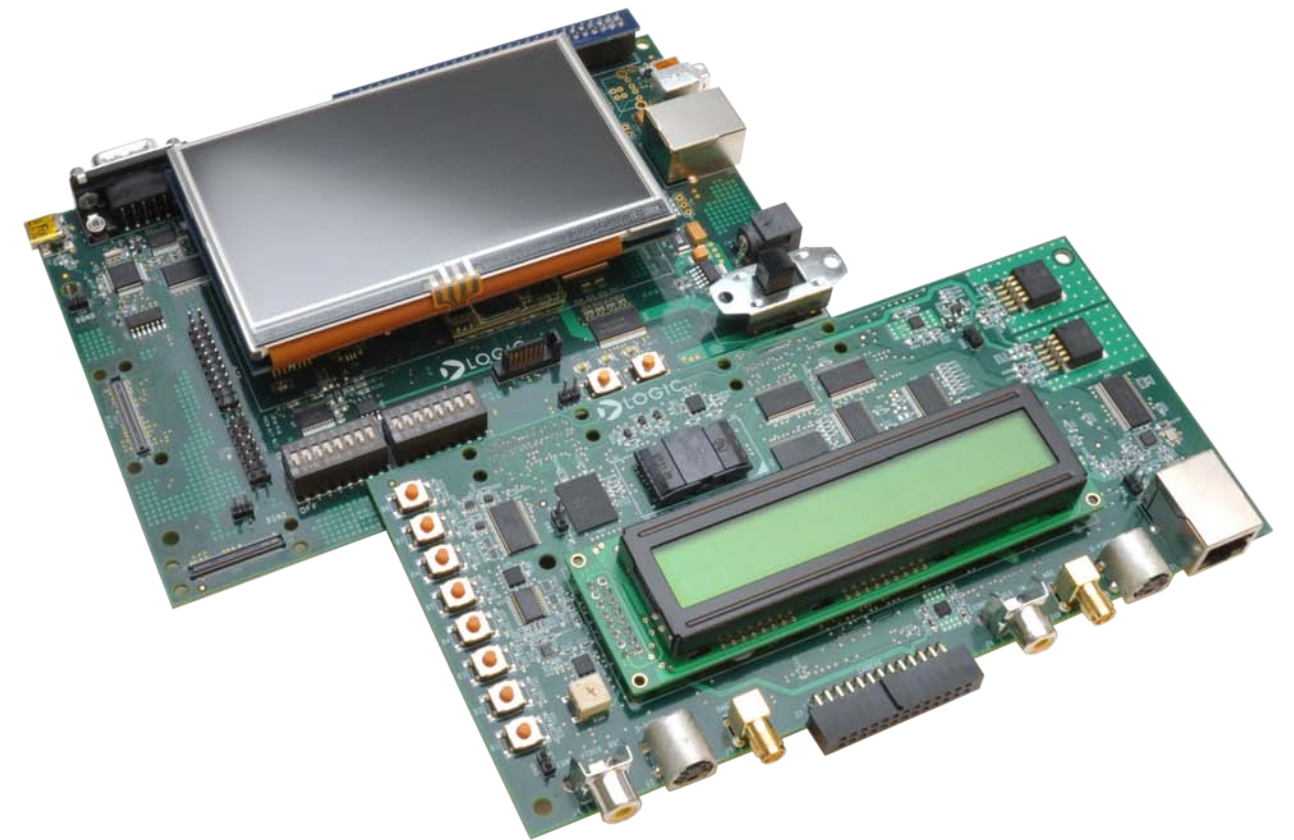
### Linux DVSDK

If the Linux SD card is connected to your host PC, locate the START HERE folder on the SD card and view setup.htm. Use the information in setup.htm to determine the next steps specific to your development environment.

# ZOOM™ OMAP-L138 EVM

For more information:  
[www.logicpd.com/omap138evm](http://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](http://support.logicpd.com/auth/register_product.php)

For support questions, please contact:  
[support.logicpd.com/support/askaquestion.php](http://support.logicpd.com/support/askaquestion.php)

For community support, please visit:  
[www.ti.com/e2e](http://www.ti.com/e2e)

The TI Embedded Processors Wiki can be found at:  
[processors.wiki.ti.com](http://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](http://www.ti.com/omap-l138-prprod1)

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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).

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