

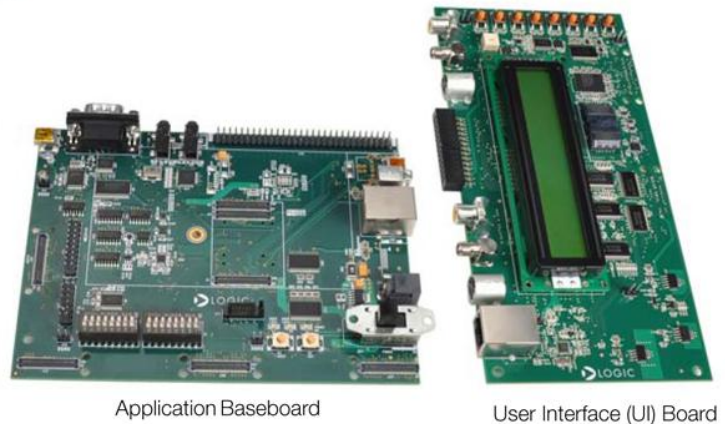
OMAP-L138/TMS320C6748 EVM

Order Number: TMDSEVML138



Description

The OMAP-L138/C6748 EVM Kit includes two SOMs (OMAP-L138 SOM-M1 and TMS320C6748 SOM-M1), application baseboard, 4.3" touch screen display kit, user interface (UI) board, accessories, and software required for out-of-box demos and immediately begin development work.



Features

The kit contents include:

- Includes two SOMs
 - OMAP-L138 SOM-M1 (128 MB mDDR)
 - TMS320C6748 SOM-M1 (128 MB mDDR)
- Software and Tools
 - Open source Linux DVSDK and demos
 - WinCE SDK
 - U-Boot (bootloader/monitor)
 - Code Composer Studio™ (CCStudio) Integrated Development Environment v4
 - DSP/BIOS™ real-time kernel -V5
 - Board Support Library (BSL) sample programs
- Display
 - Integrated LCD, touch, and backlight connector
 - Stereo input and output connectors
 - TLV320AIC3106 audio codec
- SATA
 - Serial ATA connector
- Network/USB/Serial Connectors
 - Baseboard RJ45 Ethernet jack connector
 - One USB 2.0 high-speed On-the-Go interface
 - One USB 1.1 full-speed host
 - 115.2kbps RS-232 debug serial port
- PC Card Expansion
 - MMC/SD cards
- Debug
 - Connectors for JTAG interface
 - XDS100 emulation circuit
- User Interface (UI) Board
 - S-Video in/out connectors (TVP5147/ADV7343)
 - Analog video in/out connectors (TVP5147/ADV7343)
 - Analog-to-digital converter (ADS901)
 - Digital-to-analog converter (DAC900)
 - Camera interface
 - 48-character LCD panel
 - UI board RJ45 Ethernet jack connector
 - 8 MB NOR flash
 - 512 MB NAND flash
- Cables
 - Null-modem serial cable
 - Ethernet crossover cable
 - USB A to mini-B cable
 - 5 volt power supply with power adapters (Europe, Japan, UK, and US)
 - USB card reader
- Mechanical Specs
 - RoHS compliant