

Multimedia Expansion Board II (MEB II) Information Sheet

Thank you for purchasing the Microchip Multimedia Expansion Board II (MEB II). This information sheet highlights some important details that will help you successfully use the board as quickly as possible.

Additional information can be accessed at: <http://www.microchip.com/meb2>.

Features

The MEB II is a compact, highly versatile development board that can be connected to a PIC32 starter kit for the purpose of developing multimedia applications. Refer to the MEB II web page listed above for the list of supported PIC32 starter kits. The MEB II supports detachable display boards allowing for a variety of resolutions. The MEB II kit includes a 4.3" WQVGA PCAP touch display daughter board.

Features of the MEB II include:

- Low-Cost Controllerless (LCC) graphics with PCAP touch solution (on the display daughter board)
- VGA camera sensor
- 24-bit audio codec
- Bluetooth® module
- Wi-Fi module
- Asynchronous SRAM (may not be populated on all boards)
- microSD slot
- Accelerometer
- Temperature sensor

Getting Started

To get started with the MEB II, follow these steps:

1. In a Web browser, visit <http://www.microchip.com/meb2>.
2. Select the demonstration of interest from the list provided on the initial page.
3. Download the selected demonstration and follow the instructions in the ReadMe file (provided in the demonstration project) to build and run the demonstration.

Refer to the "Multimedia Expansion Board II (MEB II) User's Guide", which is available from the MEB II web page for detailed information.

Americas

Atlanta - 678-957-9614
Boston - 774-760-0087
Chicago - 630-285-0071
Cleveland - 216-447-0464
Dallas - 972-818-7423
Detroit - 248-538-2250
Indianapolis - 317-773-8323
Los Angeles - 949-462-9523
Phoenix - 480-792-7200
Santa Clara - 408-961-6444
Toronto - 905-673-0699

Europe

Austria - Wels - 43-7242-2244-39
Denmark - Copenhagen - 45-4450-2828
France - Paris - 33-1-69-53-63-20
Germany - Munich - 49-89-627-144-0
Italy - Milan - 39-0331-742611
Netherlands - Drunen - 31-416-690399
Spain - Madrid - 34-91-708-08-90
UK - Wokingham - 44-118-921-5869

Asia/Pacific

Australia - Sydney - 61-2-9868-6733
China - Beijing - 86-10-8569-2100
China - Chengdu - 86-28-8665-5511
China - Chongqing - 86-23-8980-9588

Asia/Pacific (Continued)

China - Hangzhou - 86-571-2819-3187
China - Hong Kong SAR - 852-2943-5100
China - Nanjing - 86-25-8473-2460
China - Qingdao - 86-532-8502-7355
China - Shanghai - 86-21-5407-5533
China - Shenyang - 86-24-2334-2829
China - Shenzhen - 86-755-8864-2200
China - Wuhan - 86-27-5980-5300
China - Xiamen - 86-592-2388138
China - Xian - 86-29-8833-7252
China - Zhuhai - 86-756-3210040
India - Bangalore - 91-80-3090-4444
India - New Delhi - 91-11-4160-8631
India - Pune - 91-20-3019-1500
Japan - Osaka - 81-6-6152-7160
Japan - Tokyo - 81-3-6880-3770
Korea - Daegu - 82-53-744-4301
Korea - Seoul - 82-2-554-7200
Malaysia - Kuala Lumpur - 60-3-6201-9857
Malaysia - Penang - 60-4-227-8870
Philippines - Manila - 63-2-634-9065
Singapore - 65-6334-8870
Taiwan - Hsin Chu - 886-3-5778-366
Taiwan - Kaohsiung - 886-7-213-7828
Taiwan - Taipei - 886-2-2508-8600
Thailand - Bangkok - 66-2-694-1351

08/20/13



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