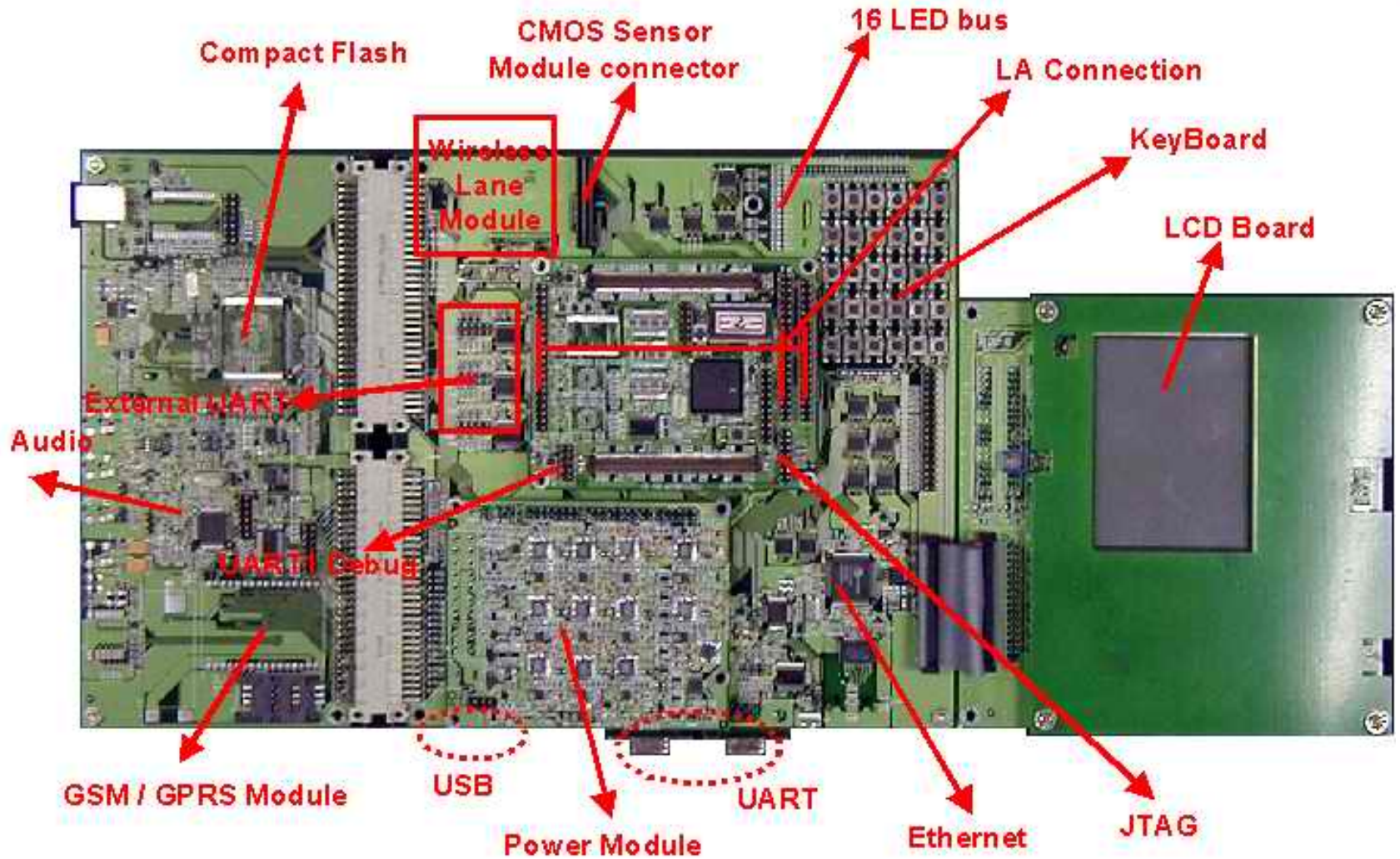


# OMAP EVM Board

# OMAP EVM Boards



- **Modularization**
- **Convenience**
- **Flexibility**
- **Expansibility**
- **Productivity**

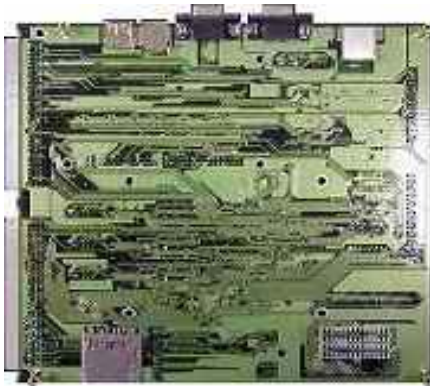
- **CPU board**
- **Main board**
- **LCD board**
- **Power board**
- **Audio board**
- **CMOS sensor board**



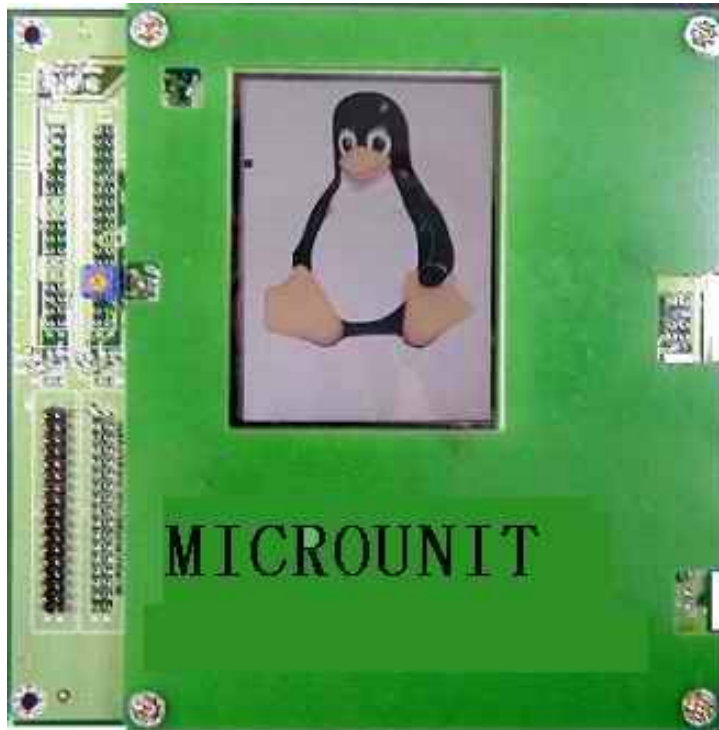
<b>ARM925 TDMI</b>	<b>150Mhz</b>
<b>TI DSP C55</b>	<b>150Mhz</b>
<b>Memory I/F</b>	<b>75Mhz</b>
<b>Optimized DMA</b>	<b>9+1 Chan.</b>
<b>ISRAM</b>	<b>1.5Mbit</b>

- **TI OMAP 5910 150MHz**
- **GDY (19x19mm, 1.0mm pitch)**
- **SRAM 256K x 16**
- **SDRAM 32MB**
- **Flash 16MB**
- **M-System DOC 32MB/64MB**
- **UART 115200bps**
- **TI JTAG Debug Interface**
- **2 LED Indicator**
- **Reset Button**

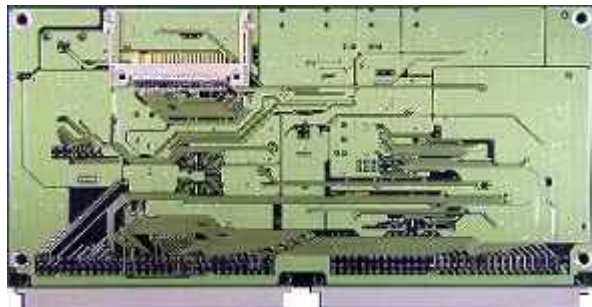
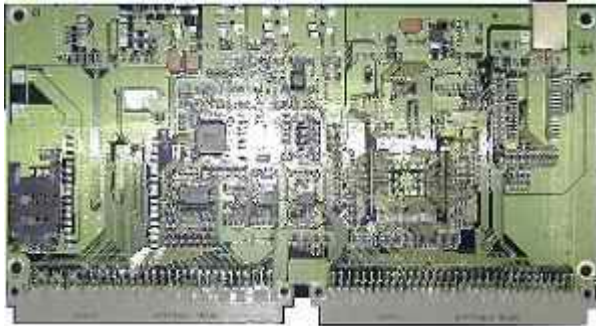
**Current and LA Measure points  
Connector to Main Board  
Connector for Extension**



- GPIO
- 5 x 6 Keyboard
- 4 External UART
- SD / MMC
- USB Host / Device
- IrDA / UART3
- Ethernet
- Wireless LAN module Interface ( TBD )
- CMOS Sensor Board Interface
- CPU Board Interface
- Audio Board Interface
- Power Board Interface
- LCD Board Interface

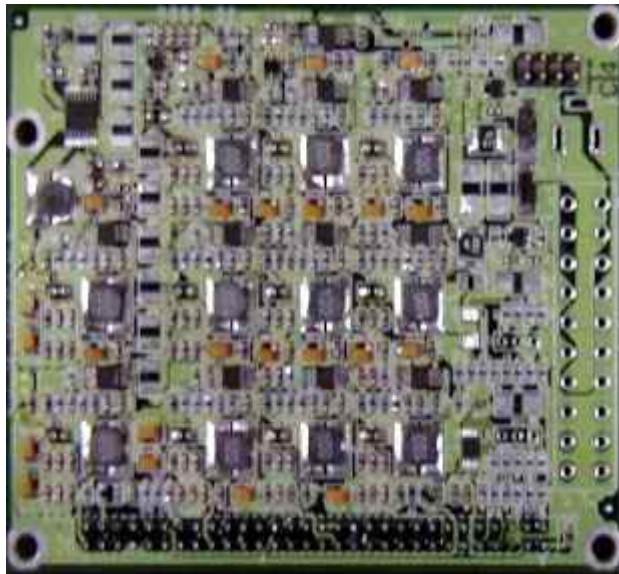


- Resolution 320 x240
- 3.5" TFT LCD
- 65535 color
- 4 wire touch panel
- LED back light
- Connector to main board



Connector to Main Board

- Touch Panel
- Audio Codec
- GPIO
- FM Radio
- Bluetooth ( TBD )
- GSM / GPRS module
- SIM Socket
- Compact Flash
- Ear Phone
- Microphone / Speaker
- Measure point
- Connector to Main Board



- External adapter input voltage 5V
- Output voltage 5V , 3.3v , 1.6v
- Boost / Buck power chip
- Battery charger
- Current measure points
- Main board power connector

- **Pocket PC**
- **E-Book**
- **Handheld PC**
- **Web Pad**
- **Multimedia Application ( MP3 / MPEG4 )**
- **Industrial Control Application**
- **PDA Phone / Smart Phone**

- **Microunit provide complete design service on OMAP include H/W and Linux S/W support**
- **Contact Microunit for OMAP support**
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  - ▶ **Phone – 0571-88156055 13758234577**
  - ▶ **Website – <http://www.microunit.com.cn>**