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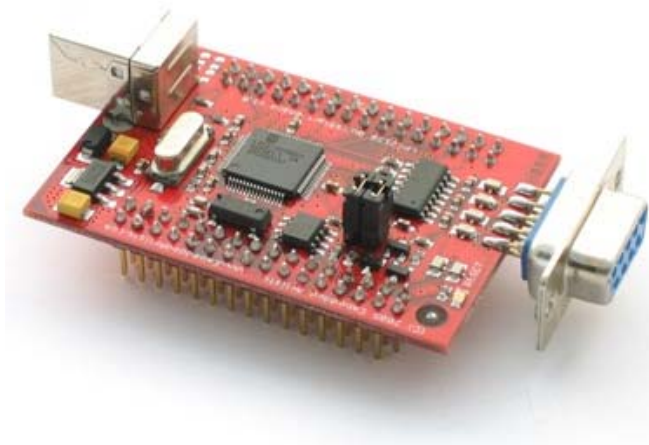
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## LPC2148 USB QuickStart Board



**Price Information**

**EUR**

Art.no: **EA-QSB-010** [Buy](#)

**Currently out-of-stock**

**Expected delivery date:**  
**2011-08-15**

**Price Information**

**EUR**

*With a prototype board*

Art.no: **EA-QSB-110** [Buy](#)

**Currently out-of-stock**

**Expected delivery date:**  
**2011-08-15**

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### LPC2148 USB QuickStart Board

|                       |                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Processor</i>      | NXP's <a href="#">ARM7TDMI LPC2148</a> with integrated USB 2.0 device.                                                                                                                                                                                                                                                                                                |
| <i>Program Flash</i>  | 512 KB                                                                                                                                                                                                                                                                                                                                                                |
| <i>Data Memory</i>    | 32+8 KB                                                                                                                                                                                                                                                                                                                                                               |
| <i>Clock Crystals</i> | <ul style="list-style-type: none"> <li>• 12.0000 MHz crystal for maximum execution speed (5x PLL = 60 Mhz CPU clock)</li> <li>• 32.768kHz RTC crystal</li> </ul>                                                                                                                                                                                                      |
| <i>Dimensions</i>     | 59 x 39.5 mm                                                                                                                                                                                                                                                                                                                                                          |
| <i>Power</i>          | On-board low-dropout voltage and reset generation <ul style="list-style-type: none"> <li>• Generates +3.3V from a +5V supply</li> <li>• +3.3V available for external circuits, up to 300 mA</li> <li>• Power supply: 5 VDC</li> <li>• or via USB connector (very practical since no external power supply is needed)</li> </ul>                                       |
| <i>Connectors</i>     | <ul style="list-style-type: none"> <li>• Dual 2x16 pins I/O connectors</li> <li>• Signals available on expansion connector</li> <li>• RS232, DSUB-9 (ESD/EMI protected)</li> <li>• USB connector (USB 2.0 Device)</li> </ul>                                                                                                                                          |
| <i>Other</i>          | <ul style="list-style-type: none"> <li>• 2 Kbit I2C E2PROM for storing non-volatile parameters</li> <li>• Simple and automatic program download (ISP) via serial channel. Circuit that automatically controls the bootloader from RS232 channel</li> <li>• Four layer PCB (FR-4 material) for best noise immunity</li> <li>• Both UART #0 and #1 connected</li> </ul> |