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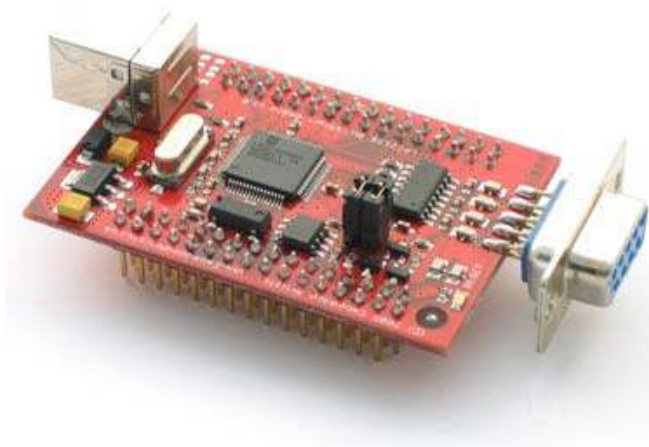
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## LPC2148 USB QuickStart Board



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>