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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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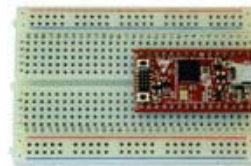
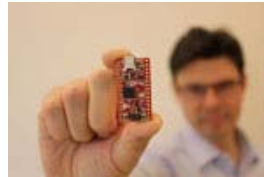
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## LPC1343 QuickStart Board

<b>Price Information</b>
<b>EUR</b>
Art.no: <b>EA-QSB-012</b> <a href="#">Buy</a>



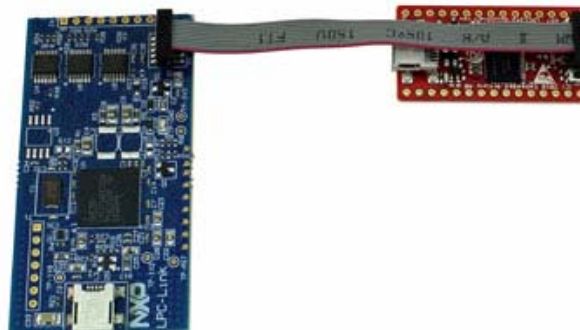
Embedded Artists' LPC1343 QuickStart Board lets you get up-and-running quickly with NXP's Cortex-M3 LPC1343 microcontroller. The small sized board offers many features that ease your learning curve and speed up your program development.



### Easy usage

Download code to the board by using:

- The USB-ISP mode where the board will enumerate as a USB Mass storage device on a Windows PC. Just copy the compiled binary file to the storage device.
- Use the free [LPCXpresso IDE/Debugger](#) together with, for example, an LPC-Link, a [10-pos IDC Ribbon cable](#) and connect to the SWD interface (10-pin JTAG connector) on the board, see figure below. This allows you to both download and debug code on the board.



- Use a debugger and JTAG adapter of your choice which supports the Cortex-M3 ARM core and more specifically the NXP LPC1343 microcontroller. You might need an adapter such as the [10-pin to 20-pin JTAG Adapter Kit](#) between your JTAG solution and the target board.

- |                          |                                      |                     |                                  |                           |                     |
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## LPC1343 QuickStart Board

<i>Processor</i>	<u>NXP's Cortex-M3 LPC1343 microcontroller</u> in 33-pin HVQFN package.
<i>Program Flash</i>	32 KB
<i>Data Memory</i>	8 KB
<i>Clock Crystals</i>	12.000 MHz crystal for maximum execution speed and standard serial bit rates, including USB requirements. The LPC1343 runs at frequencies up to 72 MHz.
<i>Interfaces / Connectors</i>	<ul style="list-style-type: none"><li>• All LPC1343 I/O pins are available on edge expansion connectors, in DIL-30 structure suitable for bread board prototyping (dual 15 pos, 100 mil/2.54 mm pitch rows, 700 mil/17.78 mm apart).</li><li>• On-board USB Device interface, with mini-B USB connector and proper ESD protection.</li></ul>
<i>Dimensions</i>	21 x 40 mm
<i>Power</i>	Flexible powering, with on-board 150mA 3.3V voltage regulator (can be powered from USB connector or an external + 5V supply).
<i>Connectors</i>	<ul style="list-style-type: none"><li>• All LPC1343 I/O pins are available on connectors.</li><li>• mini-B USB connector.</li><li>• SWD/JTAG connector (0 mil/1.27 mm pitch, standard SWD/JTAG connector).</li></ul>
<i>Other</i>	<ul style="list-style-type: none"><li>• 32 Kbit I2C E2PROM for storing non-volatile parameters.</li><li>• Onboard reset generation and reset push-button.</li><li>• Push-button for enabling Bootloader mode of the LPC1343.</li><li>• LED on pin PIO0_7.</li><li>• <b>2 pcs 1x15 pinlists included</b>, but not soldered.</li></ul>