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[» Board Comparison Chart](#)
[» Developer's Kits](#)
[» OEM Boards](#)
[↓ QuickStart Boards](#)
[» LPC1343](#)
[» LPC2106 RS232](#)
[» LPC2129 CAN](#)
[» LPC2148 USB](#)
[» Prototype board](#)
[» Christmas Tree](#)
[» Color LCD Bluetooth Game](#)
[» Education Boards](#)
[» LPCXpresso & mbed](#)
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LPC2129 CAN QuickStart Board



Price Information

EUR

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Price Information

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LPC2129 CAN QuickStart Board

<i>Processor</i>	NXP's ARM7TDMI LPC2129 microcontroller
<i>Program Flash</i>	256 KB
<i>Data Memory</i>	16 KB
<i>CAN</i>	Dual CAN channels with TJA1040 or TJA1041 transceivers
<i>Clock Crystals</i>	• 12.0000 MHz crystal for maximum execution speed and standard CAN bit rates (5 x PLL = 60 Mhz CPU clock)
<i>Dimensions</i>	55 x 58 mm
<i>Power</i>	On-board low-dropout voltage and reset generation • Generates +3.3V and +1.8V from a +5V supply • +3.3V available for external circuits, up to 300 mA • Power supply: 5 VDC
<i>Connectors</i>	• Dual 2x16 pins I/O connectors • All LPC2129 I/O pins are available on connectors • RS232, DSUB-9 (ESD/EMI protected)
<i>Other</i>	• 256 Kbit I2C E2PROM • Simple and automatic program download (ISP) via serial channel. Circuit that automatically controls the bootloader from RS232 channel • Four layer PCB (FR-4 material) for best noise immunity • Easy to connect to JTAG signals