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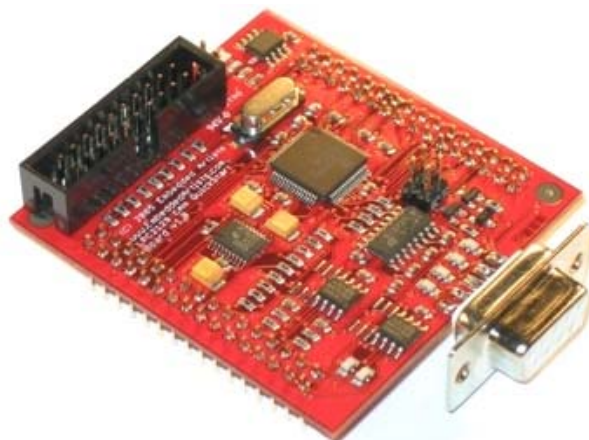
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LPC2129 CAN QuickStart Board



Price Information

EUR

Art.no: **EA-QSB-003** [Buy](#)

Price Information

EUR

With a prototype board

Art.no: **EA-QSB-103** [Buy](#)

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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> | <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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> | <ul style="list-style-type: none"> • Dual 2x16 pins I/O connectors • All LPC2129 I/O pins are available on connectors • RS232, DSUB-9 (ESD/EMI protected) |
| <i>Other</i> | <ul style="list-style-type: none"> • 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 |