Embedded Artists

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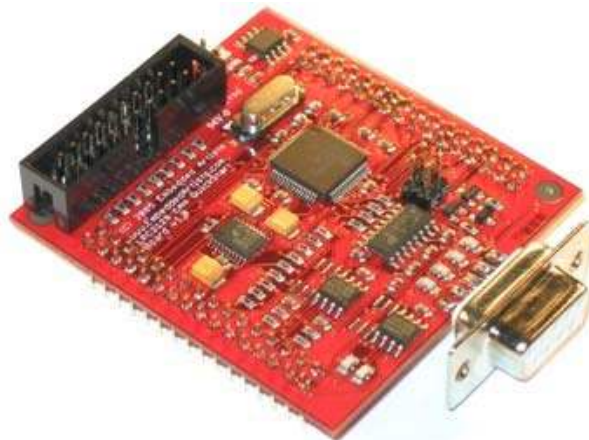
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LPC2129 CAN QuickStart Board

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

Processor	NXP's ARM7TDMI LPC2129 microcontroller
Program Flash	256 KB
Data Memory	16 KB
CAN	Dual CAN channels with TJA1040 or TJA1041 transceivers
Clock Crystals	• 12.0000 MHz crystal for maximum execution speed and standard CAN bit rates (5 x PLL = 60 Mhz CPU clock)
Dimensions	55 x 58 mm
Power	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
Connectors	• Dual 2x16 pins I/O connectors • All LPC2129 I/O pins are available on connectors • RS232, DSUB-9 (ESD/EMI protected)
Other	• 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