Embedded Artists

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LPC2106 RS232 QuickStart Board

Price Information
EUR
Art.no: **EA-QSB-002** Buy

Price Information
EUR
With a prototype board
Art.no: **EA-QSB-102** Buy

Overview	**Specification**	MCU	Related Products	Resources	FAQ

LPC2106 RS232 QuickStart Board

Processor	NXP's ARM7TDMI LPC2106 microcontroller
Program Flash	128 KB
Data Memory	64 KB
Clock Crystals	• 14.7456 MHz crystal for maximum execution speed (4x PLL = 58,9824 Mhz CPU clock)
Dimensions	27.9 x 65.3 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: 4-6 VDC
Connectors	• All LPC2106 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 • DIL40 form factor with 2x20 pins (15.24 mm, 0.60" between pin rows) • Four layer PCB (FR-4 material) for best noise immunity • Easy to connect to JTAG signals