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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](#)

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LPC2106 RS232 QuickStart Board

<i>Processor</i>	NXP's ARM7TDMI LPC2106 microcontroller
<i>Program Flash</i>	128 KB
<i>Data Memory</i>	64 KB
<i>Clock Crystals</i>	<ul style="list-style-type: none"> • 14.7456 MHz crystal for maximum execution speed (4x PLL = 58,9824 Mhz CPU clock)
<i>Dimensions</i>	27.9 x 65.3 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: 4-6 VDC
<i>Connectors</i>	<ul style="list-style-type: none"> • All LPC2106 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 • 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