

AVRcard

Prototyping
Board

COMPACT AND COMPLETE MICROCONTROLLER MODULE WITH ATMEGA128 FOR RAPID PROTOTYPING

The AVRcard has it all on a credit card. Use it to rapidly prototype your AVR based application with the most powerful 8-bit RISC CPU from Atmel.

The board supports designers with a multitude of useful hardware features.



- ◆ ATmega128 8-bit RISC CPU
- ◆ 256kbit FRAM for nonvolatile data storage
- ◆ Real time clock with 3V lithium battery backup
- ◆ RS-485 driver
- ◆ RS-232 driver supporting two serial interfaces
- ◆ connector for standard LCD, also providing an adjustable negative contrast voltage
- ◆ CPU ports routed directly to connectors, ESD protection by series resistors
- ◆ ISP connector
- ◆ JTAG connector
- ◆ 5V operation
- ◆ DC-DC converter, extends supply power range to 2...5V
- ◆ all SMD assembly except analog voltage reference and header connectors which can be soldered manually according to user's requirements
- ◆ credit card size: 87 x 54 mm

Contact:

Elektronik-Atelier
Hans Kallen
Steinackerweg 14
CH-3075 Rufenacht/Switzerland

www.avrcard.com
info@avrcard.com

Tel.: +41-31-832 1441
Fax: +41-31-832 1442