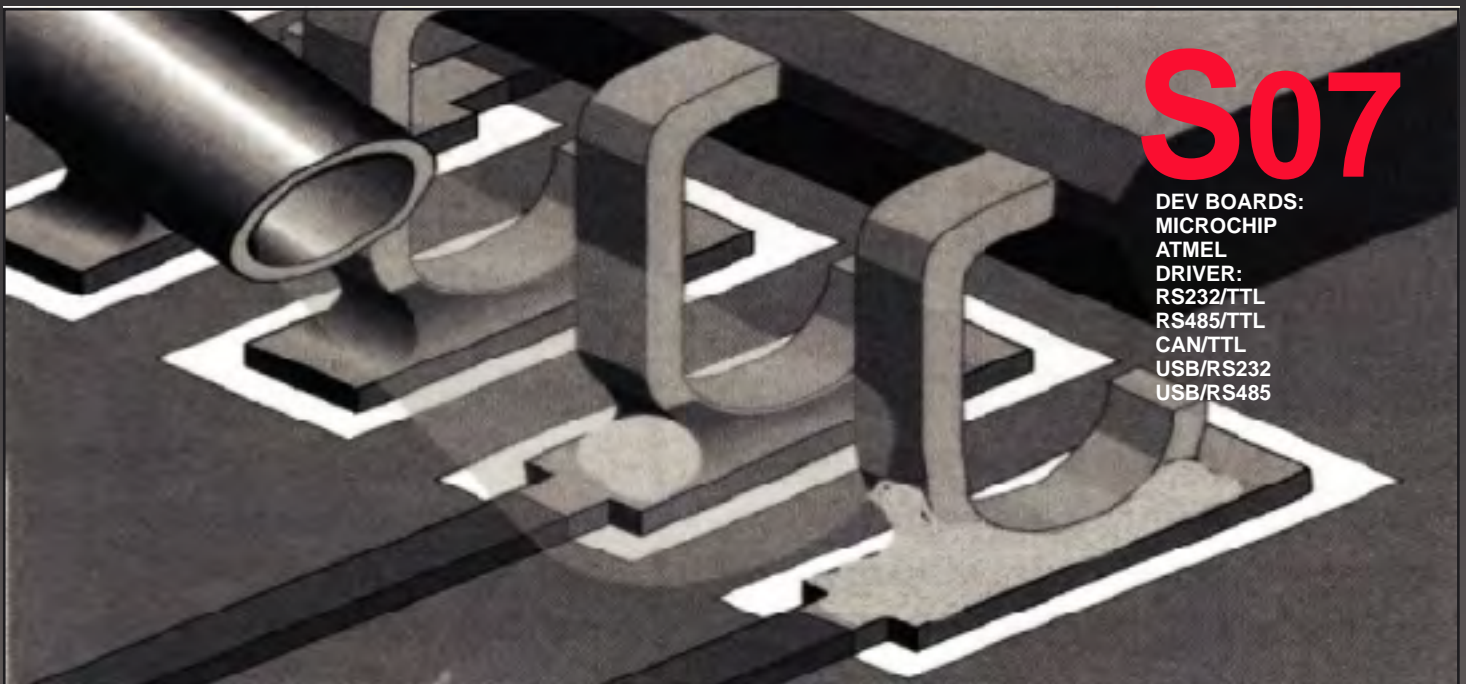


RSSystems
industrial - electronics
Made in Germany

Catalogue

2012/2013

MCU ENTWICKLUNGSBORDS UND SCHNITTSTELLEN
MCU DEVELOPMENT BOARDS AND DRIVERS



S07

DEV BOARDS:
MICROCHIP
ATMEL
DRIVER:
RS232/TTL
RS485/TTL
CAN/TTL
USB/RS232
USB/RS485

Qualität & Innovation bei **R.S.Systems**

Liebe **RSS**-Freunde,

wir sind sehr froh, Ihnen den neuen **RSS** Katalog, voll gepackt mit hochwertigen Qualitätssysteme vorzustellen

Stets am Puls der Zeit haben wir schon früh die Bedeutung der Qualität erkannt. Deshalb haben wir den Qualitätsniveau immer erhebt.

Wir können mit Befriedigung festlegen dass, seit wir den europäischen Markt mit unseren Produkten versorgen, **RSS**Systems die erste Wahl unserer Kunden ist. Unser Unternehmer wird vom absoluten Willen und Qualität zu produzieren geprägt.

Unser Erfolg hängt letztlich von der Zufriedenheit unserer Kunden ab. Die **RSS**Systems –Strategie zielt deshalb darauf ab, technische Erneuerungen stets zum Nutzen unseres Kunden einzusetzen, dabei genießt Wirtschaftlichkeit oberste Priorität.

Strengen Qualitätsmanagement, das in jeder Fertigungsstufe greift sowie eine strenge Bauteilenauswahl sorgt dass unsere Produkte immer die höchste Qualitätsanforderungen Präzision und Lebensdauer haben.

Dazu verfügen wir über eine hohe Lieferbereitschaft, die ermöglicht, dass nahezu alle Artikel kurzfristig zu liefern.

Wir sind Ihr besten Partner, wenn es darum gehe, mit Blick auf die Kosten, Qualität zu steigern. Profitieren auch Sie von höchster Qualität, schlanken Unternehmensstruktur und der **RSS**Systems Erfolgstrategie. Denn Qualität kommt von **RSS**Systems.

Viele Grüsse
das **RSS** Team

Dear friends of **RSS**Systems,

we are very satisfied to present our brand new catalogue full of **RSS** quality products.

With the time passing by, we have recognised the importance of quality. Therefore we have continuously raised it's level.

We are very proud of our products since we have become the first choice in supplying good for our customer all over the world.

Our success depends on the satisfaction of our customers. Therefore **RSS**'s strategies aim to establish technical innovation always to the benefit of our customers, while enjoying profitability as a top priority.

Strict quality management, as well as a very careful components selection ensure that our products comly with the highest quality requirements, on a very attractive price.

The high capacity of delivery, always having all items on the stock, is also one of our major advantages.

It is by our small prices and highest quality that made us to forestall day by day a large number of customers.

We are your best partner when it comes to costs and quality. Our successful motto is: Quality and good prices come from **RSS**Systems.

Best wishes,
Your **RSS** team

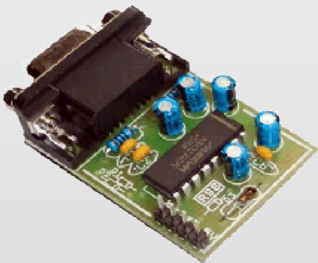
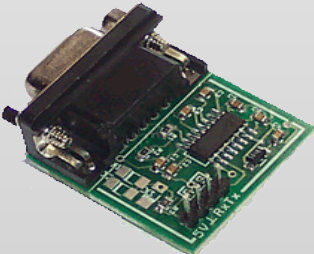
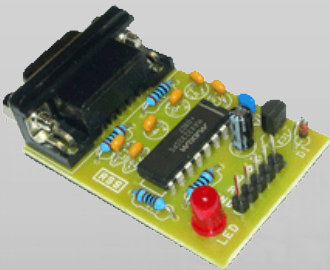
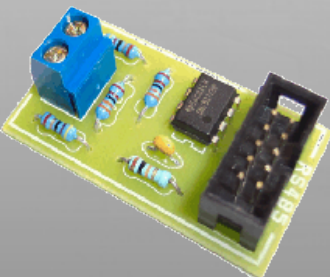
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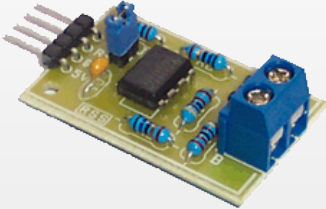
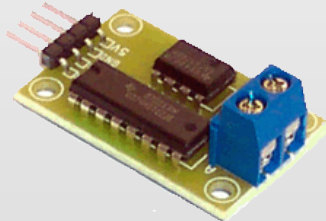
R.S.Systems

MCU Entwicklungsbords und Drivers MCU development boards and drivers

TTL/CMOS zu RS232/RS485/CAN, DAC, RTC, DC/DC, EEPROM, USB / ohne Gehäuse

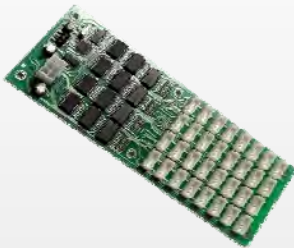



TTL/CMOS to RS232/RS485/CAN, DAC, RTC, DC/DC, USB / no housing

| TTL/CMOS zu RS232 TTL/CMOS to RS232 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | A200-01 A200-02 A200-03 A200-03A | 5V 3V, LP self pw. 5V level self pw. 3V level | | Cp:MAX232, ESD 2kV Cp:MAX3232,ESD 15kV Cp:MAX232, ESD 2kV Pin out:Tx,Rx,GND,(5/3V) Conector: D-Sub 9Pol Dimension: 40x32x12mm |
|  | A200-01S A200-02S A200-02SI A200-03S A200-03AS A200-03SI | 5V 3V, LP 3V, LP(Sip.) self pw. 5V level self pw. 3V level self pw. 3V level | | Cp:MAX232, ESD 2kV Cp:MAX3232,ESD 15kV Cp:MAX232, ESD 2kV Cp: Sipex232, ESD 15kV Pin out:Tx,Rx,GND,(5/3V) Conector: D-Sub 9Pol Dimension: 35x32x12mm |
|  | A200-04 A200-05 | 5V/12V 3V/12V LP | | Cp:Max232, Reg. 5V/150mA Cp:Max3232,Reg.3V/150mA Optical: LED power Pin out:Tx,Rx,GND, 5V,12V Power: 3V/12V or 5V/12V Conector: D-Sub 9Pol Dimension: 48x32x12mm |
| TTL/CMOS zu RS485 TTL/CMOS to RS485 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-06 A200-06S | 5V, Tx perm. 3V, Tx perm. | | Cp:LTC485(or equiv.) Pull up/Pull down resistors Permanent Tx Connector: IDC10 Dimension:45x25x12mm |





| TTL/CMOS zu RS485 Jumper TTL/CMOS to RS485 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|------------------------------------------------------------------------------------|------------------------|----------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  | A200-06P A200-06PS | 5V 3V | | Cp:LTC485/MAX485/75176 Pull up/Pull down resistors Terminal resistor(optional) Rx=>Tx by jumper 2x Drill Dimension: 37x22x13mm |
| TTL/CMOS zu RS485 Auto TTL/CMOS to CAN | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-06A A200-06AS | 5V 3V | | Cp: LTC485/MAX485/75176 Pull up/Pull down resistors Terminal resistor(optional) Rx=>Tx auto mod 4x Drill Dimension: 37x24x13mm |
| | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
| | A200-xx | | | |
| | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
| | A200-xx | | | |

| TTL/CMOS zu CAN TTL/CMOS to CAN | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|-------------------------------------------------------------------------------------|------------------------|----------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | A200-07 | 5V | | Cp:PCA82C250(Philips) Board for MCU with integrated CAN Controller Conector: IDC10 Dimension: 34x25x12mm |
| TTL/CMOS zu CAN TTL/CMOS to CAN | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-08 | 5V | | Cp: MCP2510(Microchip + PCA82C250(Philips) Clock: 16MHz Board for MCU without integrated CAN Controller Conector: IDC10 Dimension: 50x28x12mm |
| Digital/Analog Konverter Digital/Analog converter | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-09 | 5V | | Cp:MCP4921(Microchip) Input: 0...4095 Rail-to-rail out: 0...5V Connector: IDC10 Dimension:34x25x12mm |
| Echtzeituhr (RTC) Real time clock | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-10 | 5V | | Cp:PCF8583P(Philips) Backup batt.:3V/230mA CR2032 Connect: IDC10 Dimension: 60x30x12 |

| EEPROM SERIEL EEPROM Serial | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|-------------------------------------------------------------------------------------|------------------------|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | A200-11 | 5V | | <p>Chip: 24C02 (256x8) Power LED</p> <p>Conector: IDC10 Dimension: 34x25x12mm Compatibility: up to 24C08</p> |
| DC/DC Wandler 24/5V DC/DC board 24//5V | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-08 | 11...24V | | <p>Cp: MC34063 V_{IN}: 10..25V V_{OUT}: 5V/0,5A Short current: 1,1A Output ripple: 120mVpp Efficiency. 83,7%</p> <p>Dimension: 50x28x10mm</p> |
| RS485 zu RS232Konverter RS485 to RS232 converter | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-09 | 9...30V | | <p>RS232/RS485 driver (half duplex) with hardware data control Tx/Rx activity: LED Connect toPC: via serial plug Pull up/pull down resistors High voltage protection Auto baud timing</p> <p>Dimension: 90x32mm</p> |
| Ein Draht bus (Dallas) One wire bus interface | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-10 | 5V | | <p>One wire bus interface for DS1820/DS1822 series and DS24508digit.Voltage)</p> <p>Dimension. 45x45mm</p> |

| UART(RS232) zu 32 I/O UART to 32 I/O expander | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|-------------------------------------------------------------------------------------|------------------------|--------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | A200-11 | 5V/12V | | Chip: ATmega48 Clock: 11,0592MHz Pin out: GND,In,Out, +12V I/O conector: 32 Dimension: 180x65x12mm |
| USB zu UART Brücke USB to UART Bridge | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-12 | 5V from USB | | Cp: FT232(FTDI) or equiv. Version: A-RS232, con SUB-D-9 B- RS485, con RJ45 C- TTL+/TTL-, con IDC10 USB con.: A/male or IDC10 Dimension: 55x30x12mm |
| USB2 HUB USB to 4x UART expander | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-13 | 5V from USB Optional 5...9V external | | Cp: ISP1520(Philips) 4x USB/UART Bridge + USB2 HUB Version: A-con 4x USB A(female) B- con 4x USB IDC10 Dimension:220x35x12mm |
| USB zu 4xUART USB to 4x UART expander | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | A200-14 | 5V from USB Optional 5...9V external | | Cp: ISP1520(Philips) Cp: 4x FT232(FTDI) 4x USB/UART Bridge + USB2 HUB Dimension:220x35x12mm |

Entwicklungsbords, Programmierere, MICROCHIP, ATMEL, XILINX u.a.
Development boards, programmer, MICROCHIP, ATMEL, XILINX

| PIC Programmierer TTL/CMOS to RS232 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|-------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | D100-01 | Self powered | | MCU`s: 8-18-28-40 pin Bus: RS232, self powered Pin compatibility: PIC`s and EEPROM`s (see the list) Conector: D-Sub 9Pol Dimension: 90x35mm |
| PIC16F877 , Bord, low cost TTL/CMOS to RS232 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | D100-02 | 5V Clock:4,00MHz Port pin: A,B,C,D,E ICSP connector Power LED Reset button 70x40mm | | PIC16C64, PIC16C64A, PIC16C65, PIC16C65A, PIC16C65B, PIC16C662, PIC16C67, PIC16C74, PIC16C74A, PIC16C74B, PIC16C765, PIC16C77, PIC16F74, PIC16F77, PIC16F871, PIC16F874, PIC16F874A, PIC16F877, PIC16F877A |
| PIC 18-28-40Pin, Eval. Bord TTL/CMOS to RS284 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | D100-03 | 9/12V Clock 4,00MHz Reset taster ICSP connector Dim.: 95x80mm | | - Power supply 9 – 15V DC - 18-28-40 pin MCU socket - 8x LED - PORT B(can be disconnected/resistor array) - 4x taster PORT A(can be disconnected/resistor array) - RS232 driver for PC -40 pin connector for all µC pins -Interface and connector for Matrix LCD, 1x16 |
| PIC18F452 Entw.-Bord TTL/CMOS to RS284 | Artikel Art. | Spannung Voltage | Preis € Price € | Beschreibung Description |
|  | D100-04 | 9...25V Test software -LCD -Port A -Audio -H-Bridge -DC-load -RS232 -Real time clock Dim.105x85mm | | Brige/load:12V DC H-Bridge status: LED Programming: Parallel port ICSP,RJ-11, connectors LCD output:2x16 Real time clock One wire bus interface Beeper output 4xLED Port A Clock: 4,00MHz Connenct to PC: via RS232 |

