



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Baud Rate Converter

Model 232BRC

B+B SMARTWORX

Powered by

ADVANTECH

www.advantech-bb.com



- Data rates up to 115.2 kbps; all standard data formats
- 16 kB buffering on each port prevents data loss
- Hardware and software flow control
- Interconnects devices with different data rates, formats, handshaking, printer ports
- Port powered
- Parallel-to-serial or serial-to-parallel operation

## OVERVIEW

Put legacy equipment with incompatible communications standards back into service. Many older or proprietary system devices lack the option to reconfigure baud rates, data formats, and handshaking.

Model 232BRC acts as a translator between asynchronous devices, matching each device's needs while maintaining the highest possible throughput. Each side can be individually configured to suit the device connected to it.

Model 232BRC supports data rates up to 115.2 kbps and all standard data formats. Each side can either supply or accept hardware or software handshaking, allowing the higher speed device to be located on either port. The included PC setup software walks the user through all possible options. Once configured by a PC, the module may be installed on any system. Non-volatile memory maintains the parameters when power is removed. A detailed instruction manual and software is provided on the included CD ROM. A 12VDC power supply is required (not included).

## ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
232BRC	RS-232 Baud Rate Converter

## ACCESSORIES

**SMI6-12-V-P230-C1** - Power Supply, 12 VDC, 6 Watt, 2.5 mm Plug, International AC Input, International AC Blades

**232CAMR** - DB9 Male to DB25 Female Serial Adapter Cable, 15.2 cm (6 inches)

**232CAMS** - DB9 Female to DB25 Male Serial Adapter Cable, 15.2 cm (6 inches)

**9PAMF6** - DB9 Male to DB9 Female Serial Adapter Cable, 1.83 m (6 feet)

## SPECIFICATIONS

SERIAL	
Interface	RS-232 asynchronous
Connectors	Port A = DB9F (DCE) Port B = DB9M (DTE)
Data Rate	Up to 115.2 kbps
Data Bits	5, 6, 7, or 8 (factory default: 8)
Parity	Even, Odd, or None (factory default: None)
Stop Bits	1 or 2 (factory default: 1)
Flow Control	Hardware (RTS/CTS), Software (X-On/X-Off), or None
Buffer Memory	16 kB
LEDs	Buffer A, Buffer B, Power
POWER	
Power Requirement	12 VDC @ 100 mA (required)
Input Voltage	12 to 17 VDC @ 60 mA (maximum)
Power Connector	2.5 mm jack (positive tip)
SOFTWARE	
O/S	Windows 95, 98, NT, 2K, XP, Vista compatible
MECHANICAL	
Dimensions	14.6 x 9.1 x 3.0 cm (5.8 x 3.6 x 1.2 inches)
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	2079590 hours
APPROVALS/CERTIFICATIONS	
2014/30/EU - Electromagnetic Compatibility Directive	
EN 55032, Class B - Emission Requirements for Multimedia Equipment	
EN 55024 - Information Technology Equipment - Immunity	
EN 61000-6-3 - Generic Emissions for Light Industrial Environments (Class B)	
EN 61000-6-1 - Generic Immunity for Light Industrial Environments	

All product specifications are subject to change without notice.  
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