



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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8-Channel RS-232 to RS-422 Converter - DB25 Connectors

Model 422CEC

B+B SMARTWORX

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PRODUCT FEATURES

- Converts unbalanced RS-232 signals to balanced RS-422 signals
- Converts 8 channels of RS-232 to RS-422
- Data rate up to 115.2K baud
- Extend your RS-232 line up to 4000 feet
- RS-422 driver has the ability to drive 10 RS-422 receivers connected in parallel
- Ten receivers can be connected to any one driver for use in multidrop systems

Model 422CEC, RS-232 to RS-422 converter, converts unbalanced RS-232 signals to balanced RS-422 signals. The RS-422 Standard uses a balanced voltage digital interface to allow communications of 90K bits per second on cable lengths of 4000 feet. If this baud rate is exceeded the line length will decrease accordingly. Ten receivers can be connected to any one driver for use in multidrop systems.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION	RS-232	RS-422
422CEC	RS-232 to RS-422 Converter	DB-25 Female	DB-25 Male

ACCESSORIES

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

SPECIFICATIONS

TECHNOLOGY	
Data Rate	Up to 115.2K baud
Connectors	RS-232: DB-25 female (DCE device) RS-422: DB-25 male (EIA-530 pin outs)
Signals	Converts 8 channels of RS-232 to RS-422 (TD, RD, RTS, CTS, DTR, DSR, DCD, Spare)
Power Requirement	10 to 30 VDC @ 200 m
REGULATORY APPROVALS	
FCC, CE	
2014/30/EU	Electromagnetic Compatibility Directive (RoHS)
2011/65/EU	Reduction of Hazardous Substances Directive (RoHS)
EMC	
EN 55022:2010+AC (Class B)	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement.
EN 55024:2010	Information Technology Equipment Immunity Characteristics. Limits and methods of measurement
EN 61000-4-2	ESD Immunity
EN 61000-4-3	Radiated Immunity
EN 61000-4-4	EFT/Burst Immunity
EN 61000-4-6	RF Conducted Immunity
MEANTIME BEFORE FAILURE	
MTBF	1251414 hours

All product specifications are subject to change without notice.

422CEC_2917ds

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