

IC521A-F

Async RS232 <--> 2 Wire RS485 Interface RJ45

Status: Available

FUNCTIONAL NOTES:

FEATURES

This is a high speed 2 Wire ONLY point to point line driver. It requires NO AC power. It gets power from the DTE device to run OR from and add on external power supply, PS576. It supports data rates up to 115.2Kbps.

- 1). Operates over 2 Wire HALF DUPLEX Asynchronous point to point.
- 2). Data rates up to 115.2Kbps
- 3). Passes transmit and receive DATA only!!!
- 4). NO AC or batteries needed.
- 5). Able to operate with or without echo.
- 6). NO RS232 control signal is needed to turn around the line.
- 7). Silicon Avalanche Diodes provide 600 watts per wire of protection against harmful data line transient surges.
- 8). Up to 4000 feet range.
- 9). The RS232 DB25 is fixed DCE (no switch for DTE/DCE)

PRODUCT SPECIFICATIONS:

Physical	
Weight	2 oz
Dimensions	0.7" High x 2.1" Wide x 2.7" Deep
Connectors	1 - DB25 female and 1 - RJ45 feamle
Interface Type	RS232
Modem Data Rate	115.2K
Operation	2 Wire Half Duplex
Line Type	Twisted pair 2-wire
Clocking	None
Operating Mode	Point-to-Point
Number of Drops Supported	32
Indicators	None
Diagnostics	None
Marketing	
Power Source	Interface
Power Source	External
Interface Leads	power can be supplied through Pin 9, or use the PS576
Interface Power Draw	Power can be supplied by Pin 4 and Pin 20 from the DTE
Literature	
Manual Available?	
Manual Name	
Manual Date	3/99
Schematic Vendor Name	
Schematic Available?	
Schematic Non-Disclosure Required?	

Schematic Date	
Additional Schematic Requirements	
Literature Comments	
<i>Environmental</i>	
Operating Temperature	32 to 122 deg. F (0 to 50 Cel.)
Operating Humidity	5 to 95% non-condensing
<i>Agency Compliance</i>	
FCC #	FCC Part 15 Class "A"
CE	Yes