



QX34DD-3RS232-V110-DB

3RS232 CARD FOR CHPAA CHASSIS QX3440 AND QX3440-E

Features

- Supports RS232
- Supports one DB44 connector for Port 1, 2, and 3.
- Works with QX3440-CHESWa, QX3440-CCPSWa, QX3440-CCPB
- Two software configurable modes:
RS232 DTE/DCE Sub-rate mode and Multi-protocol Nx64K mode.
- RS232 DTE/DCE Sub-rate Mode:
Port 1 and Port 2: Sync/Async RS232
Port 3: Async RS232
Supports V.110 sub-rate
Supports both synchronous and asynchronous data
Data rate:
 - Sync: 0.6K, 1.2K, 2.4K, 4.8K, 7.2K*, 9.6K, 14.4K*, 19.2K, 38.4K, 48K, 64K
 - Async: 0.6K, 1.2K, 2.4K, 4.8K, 7.2K*, 9.6K, 14.4K*, 19.2K, 38.4K
 - Supports MUX or NON-MUX (independent) operation
 - Async supports: 7 or 8bits data, 1 or 2 stop bits, odd/even/none parity
 - DCE mode/DTE mode per-card software configurable, with different conversion cable supported



Description

The 3RS232a card for CXR QX3440D/E series has three interface ports. The DB44 connector is available in Asynchronous and Synchronous modes, and provides three ports. One cable is included for converting from DB44 connector to two DB25 and one DB9 connectors.

For Asynchronous signals, each of the three asynchronous ports up to 38.4 Kb/s rate, is assigned a separate 64 Kb/s channel in independent mode. Moreover, each port can be used in either NON-MUX (independent) mode or MUX mode for Sync/Async applications.

The 3RS232a card is designed to allow users to transport subrate signals on a 64Kbps channel and the data will fill into the bit stream. Users are able to have customized MUX configuration as wishes. Also, all three ports can be MUXed; only port 1 is in MUX mode at all time, and all the configured MUX ports will be merged to port 1. Furthermore, there will be solely one MUX group and all Mux port kbits cannot be larger than 64kbits.

Ordering Information

To specify options, choose from the list below.

Note: Units are RoHS compliant units.

Model	Description	Notes
QX3440-3RS232-V110-DB	3-port RS232 card with V.110 encoding, with DB44 connector for Async and Sync ports	One conversion cable is included, DB44 connector to two DB25 and one DB9 connectors. (CXR-ACC-CAB-DB44M-2DB25F-1DB09F-DB)
Accessories		
Conversion Cables (All conversion cables are RoHS compliant)		
CXR-ACC-CAB-DB44M-2DB25F-1DB09F-DB	DSUB-44 pin/Male to two DSUB-25 pin/Female- one DSUB-9 pin/Female (8P8C) plug, Length:100cm	Used in QX3440-3RS232-V110-DB plug-in card

3RS232A Card Specifications

DTE Interface (RS232 with V.110 encoding, 3-port)

Data Port	Up to 3 ports		
MUX	Maximum 3 subrate port / 64Kbps		
Data Rate	Asynchronous	Mux mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K
		Independent mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K
	Synchronous	Mux mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K,
		Independent mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K, 48K, 64K
Connector	DB44		
DB44	1	Port Number	
		2	3
	Sync/Async	Sync/Async	Async
Alarm	Remote Alarm		
	RTS Loss		
Loopback	To-DTE		
	To-DS1 (To Line)		
Electrical	RS232 Interface, DCE		

proprietary transport mode for 7.2K and 14.4K data rate

Application Illustration

