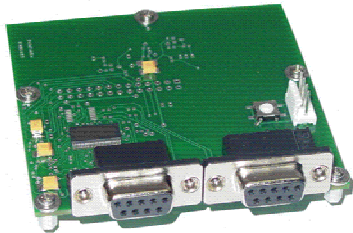




OPTION 1100

FOR SERIAL INTERFACES



Option 1100 - single RS232 and diagnostics port interface board



Tiamis-800 transceiver with Option 1100 - interface board

- **Supports up to two independent RS232 data channels**
- **Supports the Lexycom proprietary “Intelligent Interface Type Recognition” protocol**
- **Supports Setup/Diagnostics mode and the “Firmware Banks Exchange” algorithm**
- **User Interchangeable**
- **Attaches/piggybacks to the Tiamis-800 series**
- **Minimum operating voltage is as low as 4.5 VDC**
- **+/- 15 kV ESD protection (using HBM)**
- **Equipped with the push-button setup switch**
- **Sold separately or as a complete assembly with the Tiamis-800 series transceiver**

INTERFACE OPTIONS

- **Option 1100 - RS232 Interface, single channel, for use with board level product**
- **Option 11E0 - RS232 Interface, single channel, for use with enclosure product**
- **Option 1104 - RS232 Interface, dual channel, includes two RS232 channels, for use with board level product**
- **Option 11E4 - RS232 Interface, dual channel, includes two RS232 channels, for use with enclosure product**

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OPTION 1100



CHARACTERISTICS

Data interface supported	Two independent RS232 data channels
Connectors	Data ports - DB-9 Power - 4 pin, 0.1" spacing straight connector
Setup/Diagnostics support	Data2 port can be used as the setup/diagnostics port
Firmware Banks exchange protocol support	Yes
Support of the "Intelligent Interface Type Recognition" protocol	Yes
Data rates supported	Up to 115.2 kb/s
Data format supported	5, 6, 7, and 8 Data Bits Even, Odd, and None Parity 1, 1.5, and 2 Stop Bits
Data port diagnostics support	Local or remote loops are supported
ESD protection	+/-15 kV using HBM
Flow control	CTS line indicates the status of the data buffer
Additional functions	Equipped with a push-button Setup switch to force the transceiver into the setup mode.
Mechanical dimensions	3(W) x 3.41(L) x 0.625(H) inches
Means of connecting to the Tiamis-800 transceiver	Uses five #2 hardware screws with aluminum standoffs (supplied with the interface board).
Operating voltage range	4.5...25 VDC
Operating temperature range	-30 ... + 75 deg C
Humidity	Up to 90%, non-condensing

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