



PTSS2003DK Developer's Kit

This kit will greatly simplify the job of incorporating the PTSS2003 RF transceiver module into your designs. With our easy setup and configuration, in a matter of minutes you can put the 250 mW transmit power of the FCC-certified PTSS2003 Transceiver to work for you!

Kit contents:

- 2 PTSS2003 Transceiver Modules
- 2 PTSS2003TB1 Demo Boards
- 2 Rubber Flex Antennas
- 2 RS-232 Serial Cables
- 6 AAA Alkaline Cells
- CD-ROM containing:
 - Configuration Software
 - User's Manual



The self-contained demo boards permit you to plug in the PTSS2003 RF modules and see how they operate within minutes. Each board includes a built-in battery holder with 3 AAA alkaline cells and a switch, which permits range testing without the need to be tied to a power source. It also includes LED lights to provide visual evidence that signals have been received, and provides built-in serial logic level conversion to and from standard RS-232 interface cables. The modules are pre-configured in power-up test mode, one as a receiver and the other as a transmitter. These configurations and others can be easily changed using the provided software.

When ordering, ask for Part Number PTSS2003DK. Acceptable methods of payment include advance check, money order, or Net-30 terms (with prior approval). For pricing, see <http://sss-mag.com/rfsales.html>.

Let us be your RF experts – for more information on our consulting services, visit www.pegasustech.com or call (865) 717-9339.

The PTSS2003 Developer's Kit ...

- Supports the FCC-certified frequency hopping spread spectrum 915 MHz band PTSS2003 RF transceiver module
 - Enclosed units include switched battery-powered operation and permit direct RS-232 interface
 - Includes all components necessary to get the units up and running right away
 - Easy setup and configuration
 - Detailed documentation and full technical support speeds up the integration process
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PTSS2003DK Specifications

System Requirements:

2 IBM compatible PCs running Windows 98 or higher, each with an available serial port and a CD Rom drive.

Software:

The CD contains configuration and test modes which allows range test measurements, power management control, data encryption options, hop table selection, and more.

Kit Component	Application
2 PTSS2003 Transceiver modules	<ul style="list-style-type: none">• Range testing for your application• Mechanical fit testing• Data transmission
1.2 PTSS2003TB1 Demo Boards	<ul style="list-style-type: none">• Serial logic conversion to/from RS-232• Connection with PTSS2003 module• LED indicator lights for reception testing• Switched battery power for unplugged operation and testing
2.2 Rubber Flex Antennas	Small, convenient and cost-efficient antennas plug directly into connector on demo board.
3.2 RS-232 Serial Cables	Connect the Demo Board to the PC's serial port
4.6 AAA Alkaline Cells	Provide tether-free power for the Demo Board for easy range testing.
Configuration Software (Contained on the CD Rom)	<ul style="list-style-type: none">• Setup configuration for range testing, power testing, or normal operation• Selection of hop table• Console version and Windows version• Reloading of firmware for updates and custom applications
Detailed Documentation (contained on the CD Rom)	User's Manual contains complete details of the communication protocol between the PTSS2003 and your system.
Engineering Support	Assistance in your integration effort is included as part of the development kit. Additional engineering support and transceiver hardware/firmware customization can be quoted by Pegasus Technologies.

Specifications are preliminary and subject to change without notice. This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions. 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.