

))) Solutions for Remote Control and Messaging via Paging, GSM and Internet)))

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POCSAG compliant OEM Pager Modules

- **Switching / Data Output via RS-232**

We offer a range of pager modules for applications that require remote switching or the reception of messages, telemetry data, control strings or other types of data, numeric or alphanumeric.

- **Ultra Low Power Consumption**

Our modules are ideal for applications that demand ultra low power consumption. The PDR12 typically draws 500 μ A average in receive mode. Supply voltage is 4.5V to 28V.

- **Broadcasting and group calling**

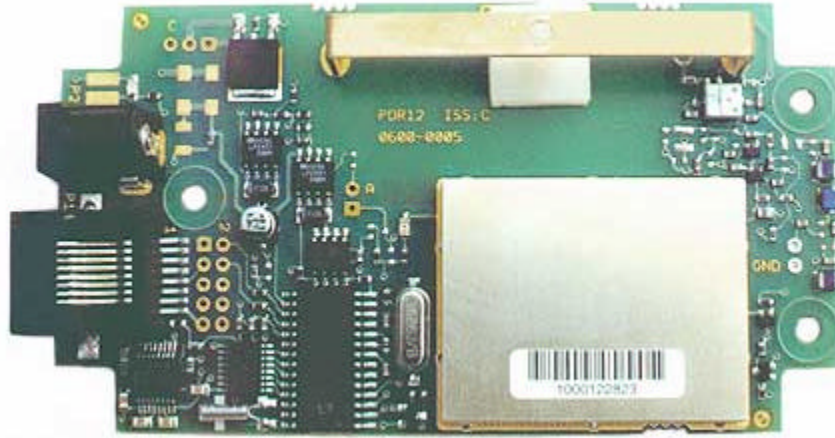
Due to the POCSAG paging protocol it is possible to send a message to an infinite number of pagers simultaneously (broadcasting). A pager module can be configured to receive messages on up to 32 different addresses (subscriber telephone numbers) with one being a unique individual address and the others being part of groups and/or sub groups.

PDR12 Pager Module

The PDR12 is a high sensitivity OEM Decoder Module that can receive, decode and output paging messages via the built-in RS-232 serial port interface for further processing by the user equipment. Messages can contain numbers, text and special characters.

Site last updated
on 9 September
2002





Picture: PDR12 POCSAG Data Receiver Module

Starter Kits are available now: Everything you need to receive your paging messages on a PC: Includes PDR12 pager module, cable, port adapter and software on CD.

PDR12 key features:

- Fully compliant with Radiopaging protocol RPC No.1 (POCSAG)
- **Decodes baud rates of 512, 1200 and 2400 baud.**
- Paging messages are output via the built-in bidirectional serial port (user programmable baud rates: 300, 600, 1200, 2400, 4800, 9600, 19200 Baud).
- **Up to 4 switching outputs incl. one optional high current MOSFET switch**
- Uses the serial port to program RIC, subscriber telephone number, baud rates, options, etc.
- **Versions with or without on-board RS-232 level converter**
- Decodes paging messages of up to 240 characters length on Vodafone UK.
- **Messages can be numeric or alpha-numeric (text, numbers and special characters).**
- Latest message can be stored in nonvolatile memory allowing messages to be read back at any time - even after interrupted power supply.
- **Built-in RSSI (Receive Signal Strength Indicator) for installation integrity.**
- 8 programmable RIC with 4 function codes each totalling 32 separate addresses.
- **Available for VHF Band (138 MHz to 174 MHz).**
- Ultra low power consumption: typically 0.5 mA operating current.
- **Supply voltage 4.5V to 28V DC**
- Versions with integral antenna or BNC bulk head for an external antenna
- **Custom hardware and software versions possible. Please ask.**

For more information and a list of frequently asked questions go to the **[FAQ](#)**.

Also available is the **[free PDR12 Programmer software](#)** (WIN 95,98,2000, NT4).

To download the Programmer software go to the **[download page](#)**.

To download the latest data sheet go to the **[download page](#)**.

PDR12 Starter Kit

We are offering a Starter Kit with all necessary items to evaluate the PDR12 quickly. Customers based in the UK can purchase this kit with a subscription to the Vodafone Paging Network with the added advantage of being able to send messages using email and via the web.



PDR12 STARTER KIT

The PDR12 Starter Kit includes the following items:

- PDR12 Pager Module
- Serial port cable
- 9 Volt battery and supply cable
- Serial port adapter (D-Type 9-way plug to 25-way-socket)
- CD-ROM containing the **Programmer software** and documentation
- Vodafone Paging UK subscription (First year)

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