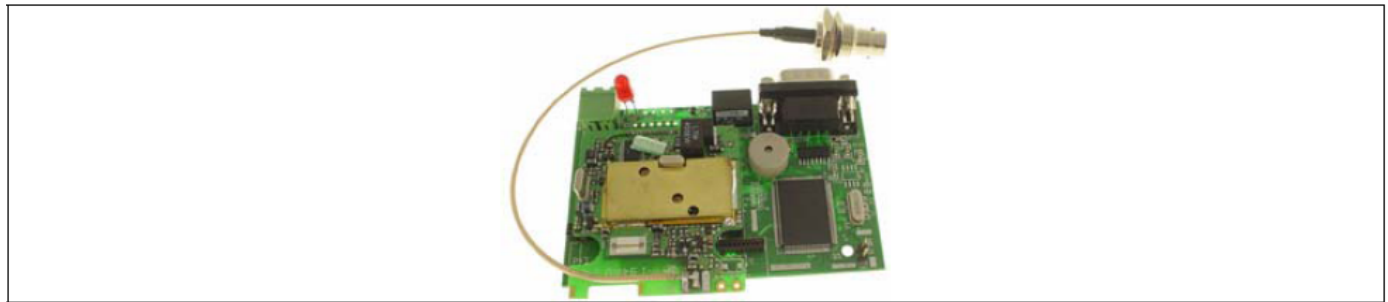


# Paging Serial Data Receiver PSR3000



## General Description

The PSR3000 is a powerful but low cost paging receiver/decoder with a single serial data or TTL output. It incorporates an M16 processor which provides a significant amount of data processing capability.

The PSR3000 is designed for OEM integration into other equipment to "paging enable" that equipment however given its significant processing capability it can often be used also as the primary controller for other equipment at the same time that it is acting in its primary role as a paging receiver/decoder.

Applications it may be used for include a wide range of data control applications such as, remote control, LED sign control, power load shedding, irrigation control etc.

The PSR3000 also provides up to 4 digital control outputs or may be interfaced with the RCM2000 Relay Control Board for multiple relay output.

The PSR3000 is often used to replace old legacy receivers such as the CreaLink® FLX PDR however it actually has considerably greater processing capability and programmability than any other similar looking device in the market.

WiPath can assist with system integration and customized software for interfacing with other equipment.

*(Please note: minimum order quantities apply)*

## Applications

Remote control  
Remote switching  
LED Sign control  
Remote rebooting

Telemetry  
Irrigation controllers  
Broadcast services  
Plant monitoring & control

Power load shedding/Meter disconnect  
Pocsag encoding  
Warning systems  
Data transfer

## Features

Small footprint  
Interchangeable receivers for different frequency bands  
Programmable serial or TTL data output  
1 Relay and 3 digital outputs

Low power consumption  
Pocsag encoder output  
Pocsag and Flex

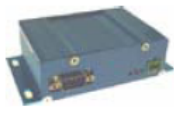
## Specifications

Receiver Frequencies	Synthesised 148-174, 450-470, 929-932 MHz (Other frequencies by request)	Selectivity Image Rejection Spurious Rejection Frequency Stability Power	better than 60 dB better than 55 dB better than 55 dB 10 ppm at -10C~+60C 12-32 V DC/AC (12VDC Nominal) 150mW @ 12V
Protocols Channel Spacing Data Transmission Rate	Pocsag & Flex 25 KHz 512-2400 bps (Pocsag) 1600/2-6400/4 (Flex)	Physical Enclosure (Optional) Temperature Range	92 x 65 x 16mm (~3.5 x 2.25 x .75in) 120 x 75 x 32mm (~4.8 x 2.8 x 1.25 in) -10oC to 70oC
Frequency Deviation Receiving Sensitivity	+/- 4,5 KHz 5 uV at 1200 bps		

## Options & Accessories



Standard accessories



Aluminium enclosure (option)



Plug pack power supply (option)



PDTP Programming Kit (option)

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