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X6-RX - High Performance PCI Express XMC Module with Wireless IP Cores



X6 rx

6 Windows Linux Real-World

www.innovative-dsp.com • sales@innovative-dsp.com

A Great Listener

Digitize, down-convert and decode, all on a single card!

Features

- Four 160 MSPS, 16-bit A/D channels
- Down-Converter ASIC supporting up to 24 Narrowband or 8 Wideband Channels
- +/-1V, AC-Coupled, 50 ohm, SMA inputs
- Xilinx Virtex6 SX315T/SX475T or LX240T
- 4 Banks of 128MB DRAM
- Ultra-low jitter programmable clock
- x8 PCI Express Gen2, providing 2 GB/s sustained transfer rates
- PCI 32-bit, 66 MHz with P4 to Host card
- PMC/XMC Module (75x150 mm)
- < 15W typical
- Conduction Cooling per VITA 20
- Ruggedization Levels for Wide Temperature Operation
- Adapters for VPX, Compact PCI, desktop PCI and cabled PCI Express systems

Ideal for

- Wireless Receiver
- WLAN, WCDMA, WiMAX front end
- RADAR
- Medical Imaging
- High Speed Data Recording and Playback
- IP development






... real time solutions!

For more information please visit [X6-RX Product Page](#).

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