

# Communications

## XR4151

### Voltage-to-Frequency Converter

#### Features

- Single Supply Operation
- Pulse Output Compatible with All Logic Forms
- Programmable Scale Factor
- Temperature Stability

#### Applications

- Voltage-to-Frequency, Frequency-to-Voltage Conversions
- A/D and D/A Conversion
- Data Transmission
- Transducer Interface
- System Isolation

The XR4151 is a device designed to provide a simple, low-cost method for converting a DC voltage into a proportional pulse repetition frequency. It is also capable of converting an input frequency into a proportional output voltage. The XR4151 is useful in a wide range of applications including A/D and D/A conversion and data transmission.