



## XR4151 Voltage to Frequency Converter

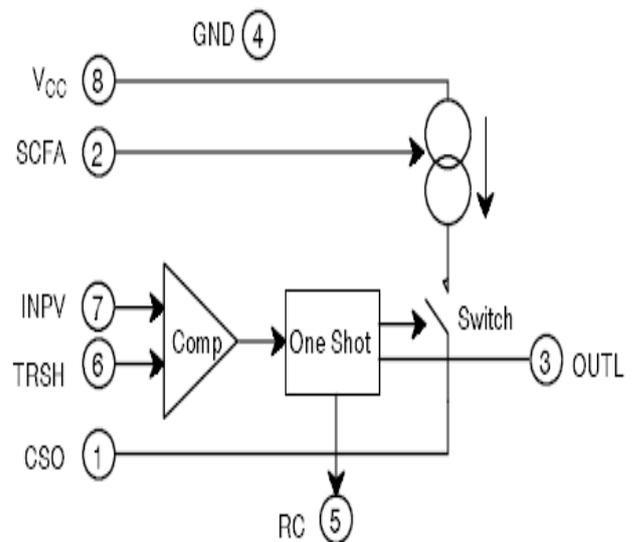
### General Description:

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.



### Key Features:

- Single Supply Operation(+8V To +22V)
- Pulse Output Compatible with All Logic Forms
- Programmable Scale Factor
- Temperature Stability
- Linearity 0.05% Typical-precision Mode
- Pb-Free, RoHS Compliant Versions Offered
- High Noise Rejection
- Inherent Monotonicity
- Easily transmittable output
- Simple Full Scale Trim
- Single Ended Input, referenced To Ground
- Also provides Frequency-Voltage Conversion
- Direct Replacement For RC/RV/RM-4151



### Applications:

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

## Related Products Information:

Mfr Part #	Farnell #	Newark #	Description
XR4151CP-F	1798672	24R2372	Voltage To Frequency Converter -8 Lead PDIP Package

