JANTX2N4857

Trans JFET N-CH 40V 3-Pin TO-18

Manufacturer:	Microchip Technology, Inc
Package/Case:	TO-206AATO-18-3
Product Type:	Thyristors
Lifecycle:	Obsolete

Images are for reference only

Inquiry

General Description

The JANTX2N4857 is a JFET transistor that operates as a voltage-controlled resistor. It is specifically designed for low-level signal amplification and switching applications.

Key Features

N-Channel JFET: The JANTX2N4857 is an N-channel JFET, meaning it is a three-terminal device with a gate, drain, and source. It allows current to flow between the drain and source terminals when a voltage is applied to the gate terminal.

Low Noise: It offers low noise performance, making it suitable for applications where signal fidelity is critical.

High Input Impedance: The transistor has a high input impedance, allowing it to interface with high impedance signal sources without significant loading effects.

Low Leakage Current: It has low leakage current, which helps in maintaining signal integrity in applications with low-level signals.

Wide Operating Temperature Range: The transistor is designed to operate over a wide temperature range, making it suitable for various environmental conditions.

Application

The JANTX2N4857 transistor can be used in a variety of applications, including low-noise amplifiers, audio signal amplification, high-impedance preamplifiers, analog switches, and voltage-controlled resistors.

Recommended For You

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