

InterFET's flagship IF1320 series are versatile N-Type JFETs with low noise, high gain, and low gate leakage. The IF1320 series includes the single JFET IF1320, the dual-matched JFET IF1322, and the IF1322A, a tightly screened variant of the IF1322 for applications requiring a strict range of device parameters. These parts are an excellent replacement for several industry equivalents, no longer in production.



Features

- Low Noise (1.0 nV/rHz Typical)
- High gain (22 mS typical)
- Low gate leakage (750 fA typical at 10V)
- High radiation tolerance
- RoHS, REACH, and CMR compliant
- Single offered as SOT23, TO-72, or bare die package
- Dual-matched offered as TO-71, SOIC8, or bare die package

Applications

- Amplifiers
- Switches
- Voltage Regulators
- Oscillators
- Signal Mixers
- Radar
- Communications
- Satellites
- Missile guidance systems
- Hydrophone pre-amplifiers
- Medical imaging systems
- Medical monitors
- Ultrasound equipment
- Headphone amplifiers
- Audio filters