

**LINEAR
INTEGRATED
CIRCUITS
- OPERATIONAL
- AMPLIFIERS -**



**β LF 356N
MONOLITHIC JFET INPUT OPERATIONAL AMPLIFIER**

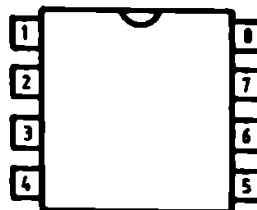
The β LF 356N series are high performance monolithic JFET input operational amplifiers which combine precision characteristics with high speed. These operational amplifiers use a new process which allows fabrication of matched, high voltage JFET transistors (BIFET technology). The β LF 356N series features low input bias and offset currents, low offset voltage and offset voltage drift, coupled with offset adjust which does not degrade drift or common-mode rejection. The devices are also designed for high slew rate, wide bandwidth, extremely fast settling time, low voltage and current noise and a low 1/f noise corner. A unique output stage allows use of large capacitive loads (10 nF) without stability problems. β LF 356N operational amplifier is internally frequency compensated for closed loop gains down to unity.

Applications include precision high speed integrators, fast D/A and A/D converters, high impedance buffers, wideband / low noise / low drift / logarithmic / photocell amplifiers, sample and hold circuits, coaxial cable drivers, etc.

Features

- Input offset voltage	max.	10 mV
- Input bias current	max.	200 pA
- Slew rate	typ.	12 V/us

1. Offset null
2. Inverting input
3. Non-inverting input
4. V-
5. Offset null
6. Output
7. V+
8. NC



PACKAGE MP-48 / TOP VIEW