

Fundamental Quartz Crystal Oscillator

NJU6322 Series **DATA SHEET**

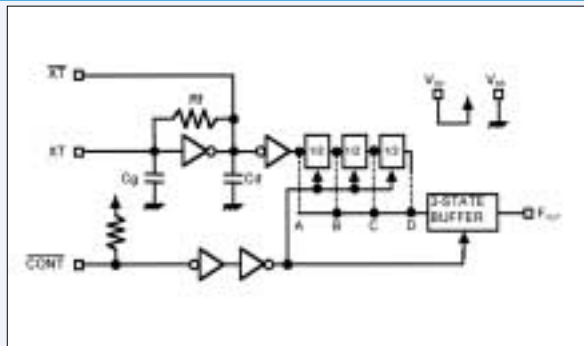
■ GENERAL DESCRIPTION

The NJU6322 series is a quartz crystal oscillator has ability to oscillate to 50MHz. The oscillation amplifier incorporates feed-back resistor and oscillation capacitors (Cg,Cd), therefore, it requires no external component expect quartz crystal. The 3-stage divider generates f_0 , $f_0/2$, $f_0/4$ and $f_0/8$ and only one frequency selected by internal circuits is output. The 3-state output buffer is TTL compatible and capable of 10 TTL driving.

■ FEATURES

- Operating Voltage : +3.0V to +6.0V
- Max. Oscillation Frequency: 50MHz
- High Fan-out : TTL10
- Selected Only One Frequency Output of f_0 , $f_0/2$, $f_0/4$ and $f_0/8$ (Mask Option)
- Oscillation Output Stand-by Function
- C-MOS Technology
- Package : Chip/EMP8

■ BLOCK DIAGRAM



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