

3rd.Over Tone Quartz Crystal Oscillator

NJU6375 Series **DATA SHEET**

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NJU6376 Series



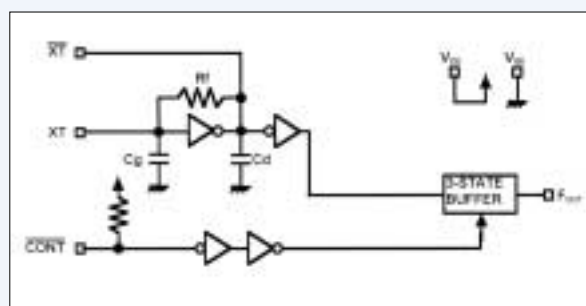
■ GENERAL DESCRIPTION

The NJU6375 series is a quartz crystal oscillator has ability to oscillate from 20MHz to 75MHz. The oscillation amplifier incorporates feed-back resistor and oscillation capacitors (Cg,Cd), therefore, it requires no external component expect quartz crystal. Drivability of the 3-state output buffer is 24mA in A,B and C versions, 16mA in H,J and K versions, thus it can drive both of TTL and C-MOS load.

■ FEATURES

- Operating Voltage : +4.0V to +6.0V
- Oscillation Frequency: 20MHz to 75MHz
- High Fan-out : $I_o=24\text{mA}$ (A,B,C version)
: $I_o=16\text{mA}$ (H,J,K version)
- Oscillation Output Stand-by Function
- C-MOS Technology
- Package : Chip/EMP8

■ BLOCK DIAGRAM



■ GENERAL DESCRIPTION

The NJU6376 series is a 3rd.over-tone quartz crystal oscillator has ability to oscillate from 20MHz to 75MHz. The oscillation amplifier incorporates feed-back resistor and oscillation capacitors (Cg,Cd), therefore, it requires no external component expect quartz crystal, and realizes very low oscillation stopping current using NAND circuit. The 3-state output buffer is C-MOS compatible. Furthermore, the package is small-sized MTP-6.

■ FEATURES

- Operating Voltage : +2.2V to +5.5V
- Oscillation Frequency: 20MHz to 75MHz
- High Fan-out : $I_o=4\text{mA}$ @2.5V
- Oscillation Stopping and Output Stand-by Function
- C-MOS Technology
- Package : Chip/MTP-6

■ BLOCK DIAGRAM

