

NJR Quartz Crystal ICs

Tri-State Buffer

NJR
NEWS

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NJR Quartz Crystal Oscillator ICs

NJU6342 Tri-State Buffer

Introducing our NJR NJU6342 Tri-State Buffer!!! Ideal for Fundamental Mode and 3rd Overtone Mode Oscillator Designs. NJR is a leader in Quartz Crystal Oscillator ICs and has a wide range product offering.

The NJU6342 Series is a tri-state buffer whose input receives the external ECL (Emitter-Coupled Logic) oscillation signal and outputs a CMOS level signal. It includes an amplifier and tri-state output buffer.

The input/output frequency can be up to 120 MHz and the symmetry is 45%-55% over the full operation frequency range.

The NJU6342H is TTL-compatible and is capable of driving five TTL loads.

NJR offers its devices in both die form and 8-pin EMP package.

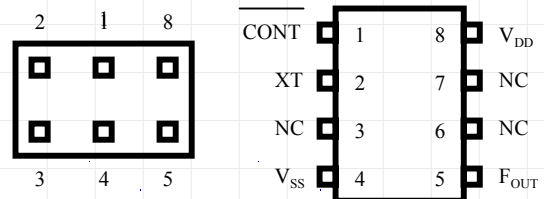
Features

- Operating Voltage = 4.0V to 6.0V
- Maximum Oscillation Frequency = 120 MHz
- Low Operating Current
- High Fan-out: NJU6342: FACT equivalent
NJU6342H: 5 TTL loads
- 3-State Output Buffer
- Output Stand-by Function
- Package Outline: Die or 8-pin EMP
- CMOS Technology

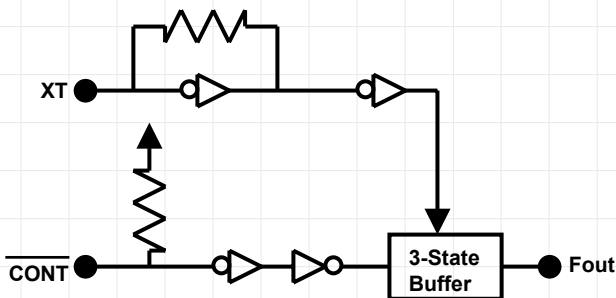
Line-up Table:

Version	Fan-out
NJU6342	FACT equivalent ($I_{OL}/I_{OH}=24mA$)
NJU6342H	5 TTL loads

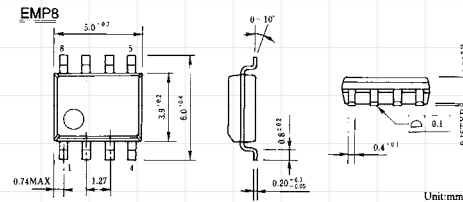
Pin Configuration/Pad Location:



Block Diagram:



EMP (JEDEC) Package Dimensions



Check out our website! <http://www.njr.com>

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198 Stauffer Blvd. San Jose, CA 95125

NJR CORPORATION offers Bipolar ICs, C-MOS ICs, Bi-CMOS ICs and GaAs MMICs, as well as Saw filters, covering North America and South America to provide technical assistance and quick delivery for achieving customer satisfactions. For further information, please contact:

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