

Voltage Controlled

Gated-Delay Line Oscillator

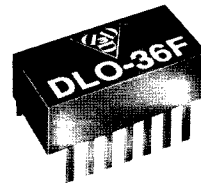
SERIES: DLO-36F

10-20 MHZ
Continuously Variable

data
delay
devices, inc. 

FEATURES:

- Frequency settable comparable to crystal oscillator.
- Jitter-free operation.
- TTL Interfaced.
- Continuous or keyable wavetrain.
- Locked synchronization achieved with random gating signal.
- 14 pins DIP package.
- Low profile module.



SPECIFICATIONS:

- Frequency range: 9 - 21 MHZ
- Control voltage: -5 to -15 Vdc
Continuous adjustment
- Control current: 1 μ a approx.
- Temperature coefficient: 500 PPM/ $^{\circ}$ C
- Operating temperature: 0 $^{\circ}$ C to 70 $^{\circ}$ C
- Supply voltage: 5 Vdc \pm 5%
- Supply current: 40 ma.
- Storage temperature: -55 $^{\circ}$ C to 125 $^{\circ}$ C
- DC parameters: See TTL-Fast Schottky Logic Table on Page 6.
- Inherent delay (T_{DO}): 4 ns typ.

