

Voltage Controlled

Gated-Delay Line Oscillator

SERIES: DLO-36F

10-20 MHZ

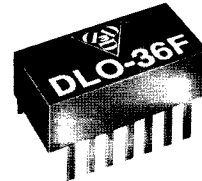
Continuously Variable

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° C to 70° C
- Supply voltage: 5 Vdc $\pm$ 5%
- Supply current: 40 ma.
- Storage temperature: -55° C to 125° C
- DC parameters: See TTL-Fast Schottky Logic Table on Page 6.
- Inherent delay (T_{DO}): 4 ns typ.

