

# SERIES 611 14 PIN DUAL FAST LOGIC DELAY MODULES

- 14 Pin DIP Auto-Insertable
- Two Independent Equal Delay Units per Package
- TTL and DTL Compatible

## Specifications:

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Current : 100 $\mu$ A Max
- Logic 0 Input Current : -1.6mA Max
- Logic 1 Volt Out : 2.5V Min
- Logic 0 Volt Out : 0.5V Max
- Logic 1 Fan-Out : 25 Max
- Logic 0 Fan-Out : 12.5 Max
- Output Rise Time<sup>(2)</sup> : 2NSEC TYP.
- Operating Temp Range : 0°C to 70°C
- Temperature Coefficient : 100 PPM/°C

## Input Test Conditions:

- Input Pulse Voltage : 3.2V
- Input Rise Time : <2NS
- Pulse Width : 40% of Total Delay
- Supply Current ICCL\* : 54mA
- ICCH\* : 12mA

Electrical Specifications at 25°C (Measured with no Loads on Taps)

| Part Number | Total Delay Nanosecond (1) |
|-------------|----------------------------|
| 611-5       | 5 $\pm$ 1                  |
| 611-6       | 6 $\pm$ 1                  |
| 611-8       | 8 $\pm$ 2                  |
| 611-10      | 10 $\pm$ 2                 |
| 611-12      | 12 $\pm$ 2                 |
| 611-16      | 16 $\pm$ 2                 |
| 611-25      | 25 $\pm$ 2                 |
| 611-30      | 30 $\pm$ 2                 |
| 611-35      | 35 $\pm$ 2                 |
| 611-40      | 40 $\pm$ 2                 |
| 611-45      | 45 $\pm$ 2.2               |
| 611-50      | 50 $\pm$ 2.5               |
| 611-60      | 60 $\pm$ 3                 |
| 611-75      | 75 $\pm$ 3.5               |
| 611-100     | 100 $\pm$ 5.0              |
| 611-125     | 125 $\pm$ 5.5              |
| 611-150     | 150 $\pm$ 6.0              |
| 611-175     | 175 $\pm$ 8.7              |
| 611-200     | 200 $\pm$ 10               |
| 611-250     | 250 $\pm$ 12.5             |

Note: (1) Measured at 1.5v level leading edge.  
(2) Measured from 0.75v to 2.4v.

