

# Series 65Z14A Delay Lines

- Active, 5-Taps, 14-Pin DIP
- Low Cost , Auto-Insertable, Transfer Molded Pkg.
- FAST and Schottky TTL Compatible
- Commercial temperature range: 0° to 70° C
- Other delay times available upon request

## ELECTRICAL CHARACTERISTICS:

Supply Voltage (Vcc).....	4.25 to 5.25 Vdc
Logic 1 Input Voltage (Vih).....	2.0 to 5.5 V
Maximum Logic 1 Input Current (Iih, Vin = 2.0 V).....	50 uA
Maximum Logic 0 Input Voltage (Vil).....	0.8 V
Maximum Logic 0 Input Current (Iil).....	-2.0 mA
Minimum Logic 1 Output Voltage (Voh).....	2.4 V
Maximum Logic 0 Output Voltage (Vol).....	0.5 V

## DELAY CHARACTERISTICS: @ 25°C, Vcc=5.0 ±0.01V, 15 pF load

PART NO.	TD1 (ns)	TD2 (ns)	TD3 (ns)	TD4 (ns)	TD5 (ns) (output)	RISE TIME (ns, max)
65Z14A025	5.0	10.0	15.0	20.0	25.0	4.0
65Z14A050	10.0	20.0	30.0	40.0	50.0	4.0
65Z14A100	20.0	40.0	60.0	80.0	100.0	4.0
65Z14A250	50.0	100.0	150.0	200.0	250.0	4.0

Cumulative delay tolerance: ± 2.0 ns or ± 5%, whichever is greater

