

SERIES DL6350 ONE TAP DIGITAL DELAY MODULES

- 14 Pin Package • TTL and DTL Compatible • Rise Time is 4NS Typical

Specifications

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Current : 50 μ A Max
- Logic 0 Input Current : -2mA Max
- Logic 1 Volt Out : 2.5v Min
- Logic 0 Volt Out : 0.5v Max
- Logic 1 Fan-Out : 20/Tap Max
- Logic 0 Fan-Out : 10/Tap Max
- Power Dissipation : 240mW Total
- Operating Temp Range : 0°C to 70°C
- Temp Coefficient : 100PPM/°C

**Input Test Conditions**

- Input Pulse Voltage : 3.2v
- Input Rise Time : ≤ 3 NS
- Input Current : 60mA Typ.
- Pulse Width : Min 40% of Total Delay

Electrical Specifications at 25°C (measured with no loads on Taps)

Part Number	Total Delay NS $\pm 5\%$	Tap-Delay NS ⁽¹⁾
DL6352	20	10
DL6353	40	20
DL6354	50	25
DL6355	60	30
DL6356	80	40
DL6357	100	50
DL6358	150	75
DL6359	200	100
DL6360	300	150
DL6361	400	200
DL6362	500	250
DL6363	1000	500

Note: (1) Measured at 1.5v level leading edge, Tol. $\pm 5\%$ or ± 2 NS, whichever is greater.
 (2) Measured from 0.75v to 2.4v.

Version B low profile 0.210 inch max height is also available.

Please add 'B' to above part numbers if 0.210 inch height is required (i.e. DL6355B).

ONE TAP AND OUTPUT