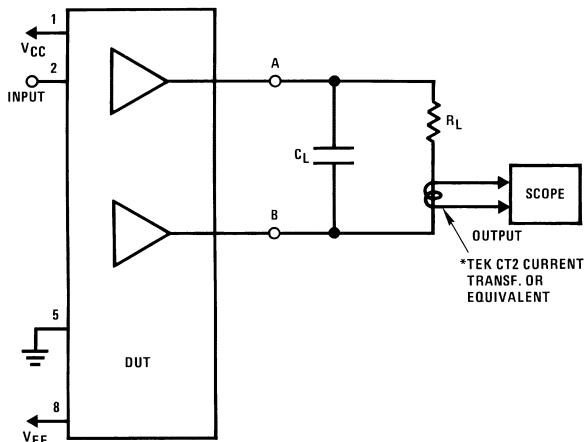
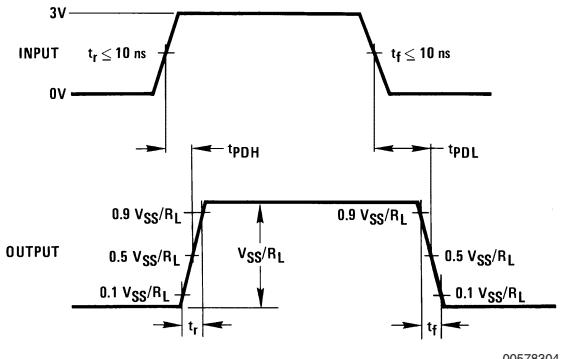
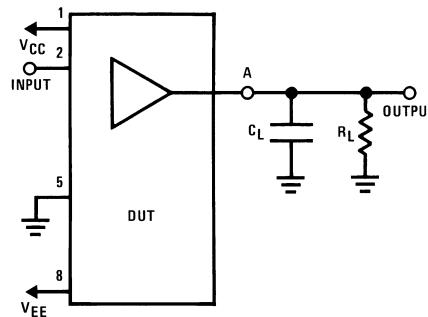


AC Electrical Characteristics (Note 6) (Continued) $T_A = 25^\circ\text{C}$

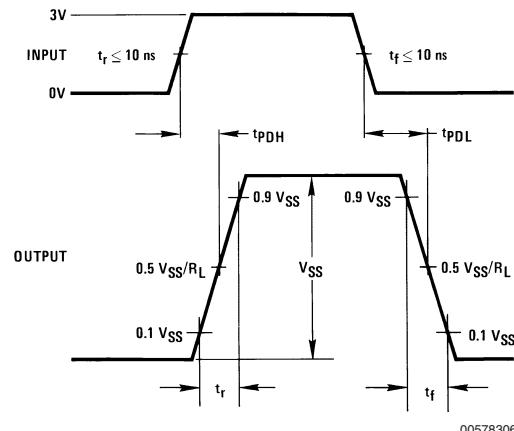
Symbol	Parameter	Conditions	Min	Typ	Max	Units
t_{PDH}	Output Propagation Delay	$R_L = 450\Omega$, $C_L = 500 \text{ pF}$, $C_C = 0$ (Figure 2)		180	300	ns
t_{PDL}	Output Propagation Delay	$R_L = 450\Omega$, $C_L = 500 \text{ pF}$, $C_C = 0$ (Figure 2)		180	300	ns

AC Test Circuits and Switching Time Waveforms

00578303

**FIGURE 1. Differential Connection**

00578305

**FIGURE 2. RS-423 Connection**

AC Test Circuits and Switching Time Waveforms (Continued)

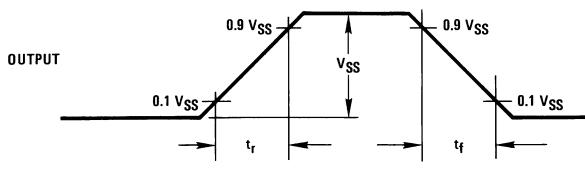
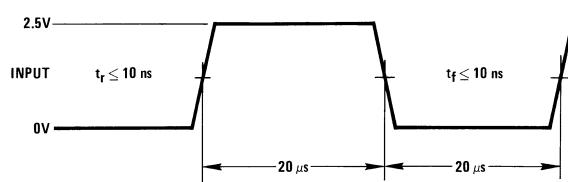
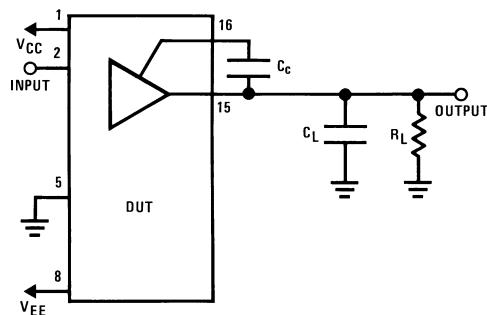


FIGURE 3. Rise Time Control for RS-423

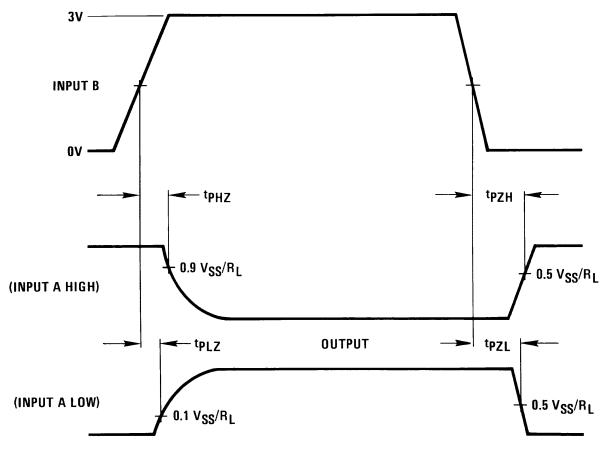
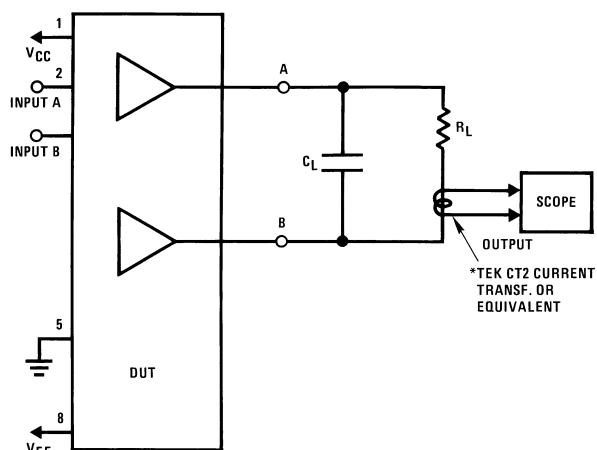
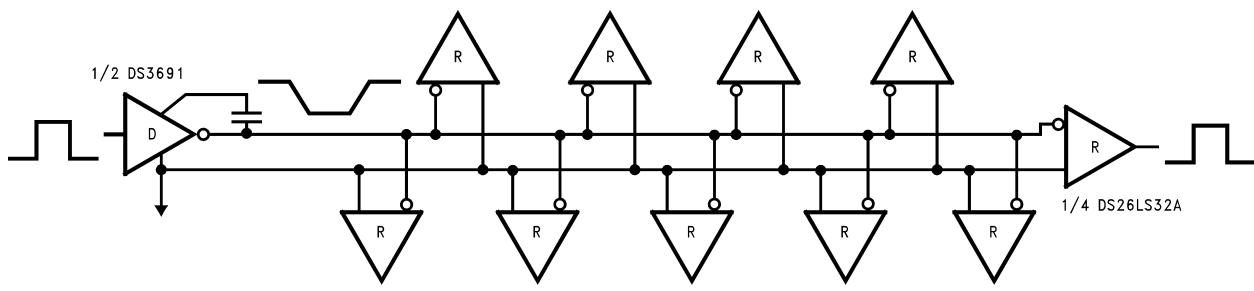


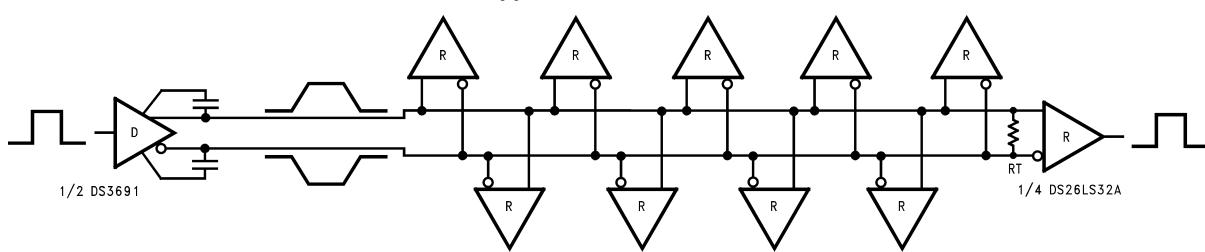
FIGURE 4. TRI-STATE Delays

Typical Application Information (Continued)

Fully Loaded RS-423 Interface

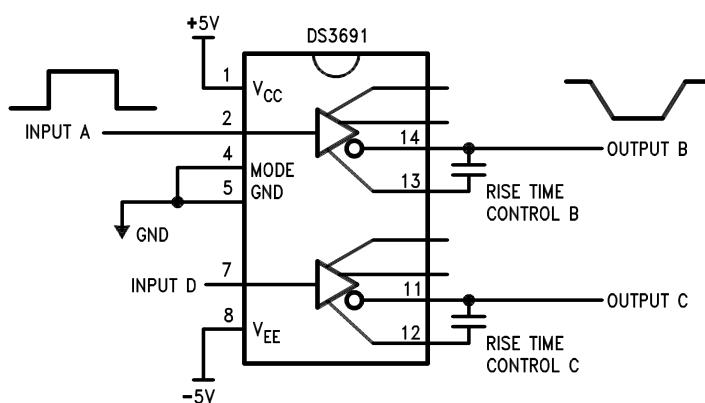


Differential Application with Rise Time Control



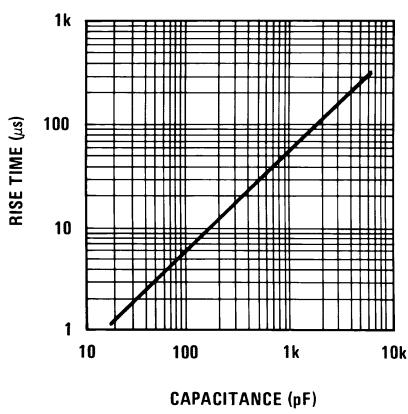
*Note: Controlled edge allows longer stub lengths. Multiple Drivers are NOT allowed.

Dual RS-423 Inverting Driver



Typical Rise Time Control Characteristics (RS-423 Mode)

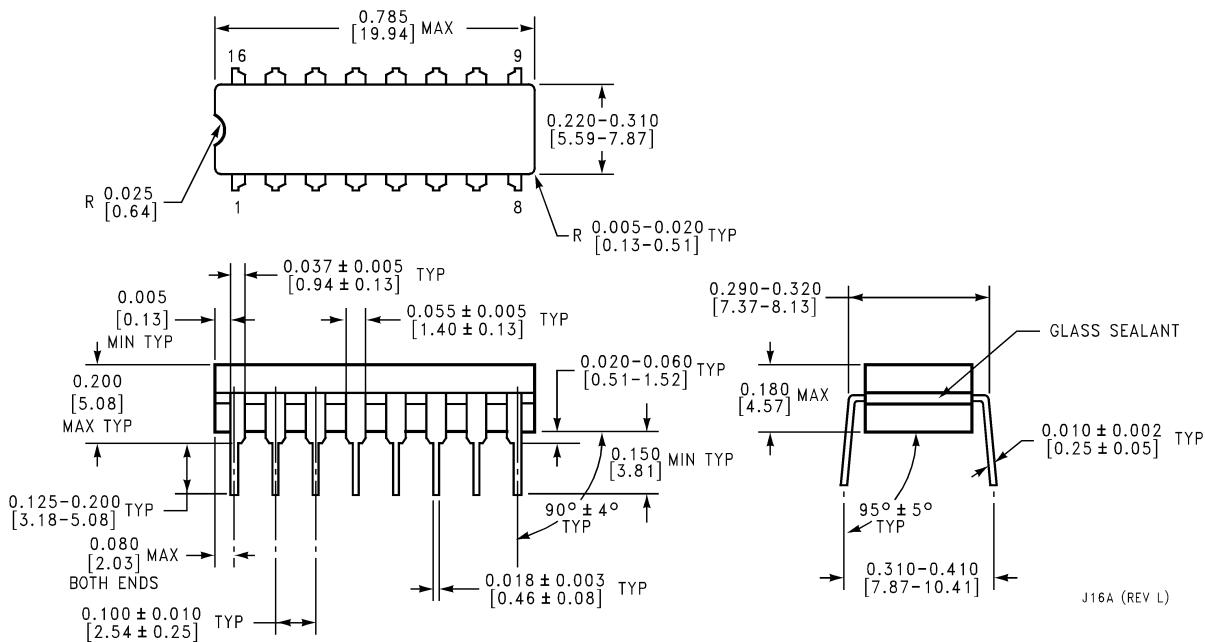
Rise Time vs External Capacitor



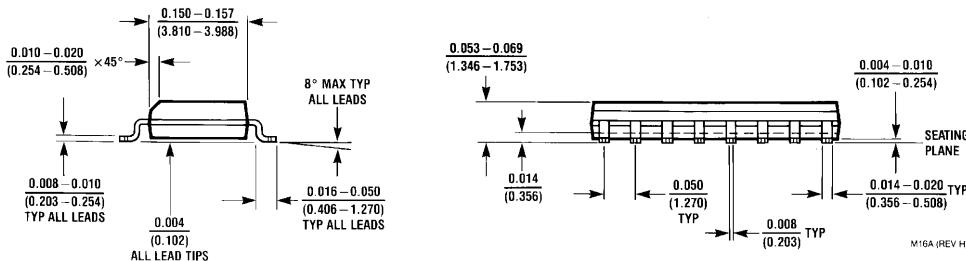
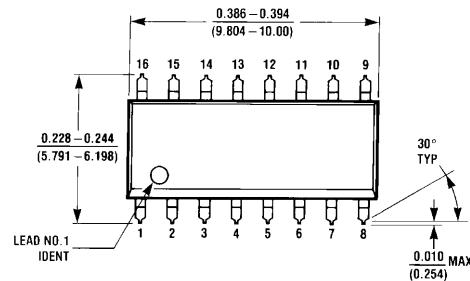
00578312

Physical Dimensions inches (millimeters)

unless otherwise noted

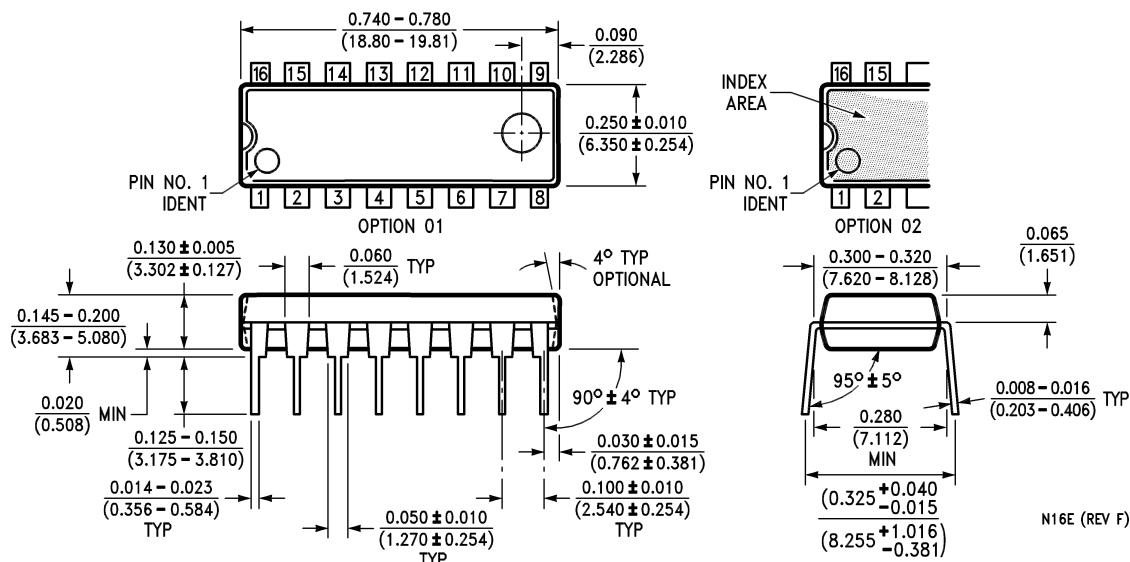


Ceramic Dual-In-Line Package (J)
Order Number DS1691AJ/883
NS Package Number J16A



SO Package (M)
Order Number DS3691M
NS Package Number M16A

Physical Dimensions inches (millimeters) unless otherwise noted (Continued)



Molded Dual-In-Line Package (N)

Order Number DS3691N

NS Package Number N16E

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