

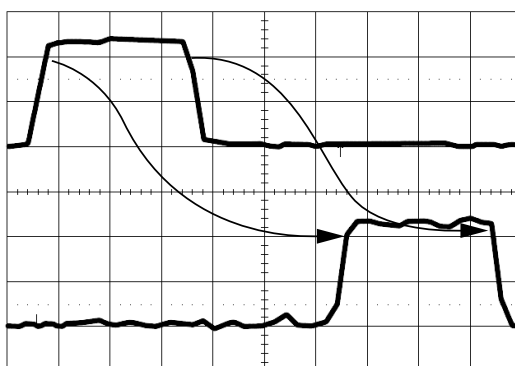
WORLD'S FIRST 10-TAP DELAY LINE IN TSSOP PACKAGE!

3V and 5V Parts are 70% Smaller than the Competition

The DS1110 is the world's first all-silicon 10-tap delay line available in a tiny 14-pin TSSOP package. The DS1110 is a higher performance, drop-in replacement for the industry-standard DS1010 delay line. New-generation technology allows calibration improvements, giving twice the delay precision with an 80% reduction in jitter.

- ◆ 10 Equally Spaced Taps
- ◆ 5ns to 500ns Delays
- ◆ Leading- and Trailing-Edge Accuracy
- ◆ Full Pulse-Width Delay
- ◆ >2x Improved Precision
- ◆ 70% Smaller than the Closest Competition

Delays Up to 10x the Input Pulse Width While Maintaining Delay Precision!



16-PIN SO



NEW
14-PIN TSSOP
IS 70%
SMALLER!

PART	V _{CC} (V)	DELAY TIMES (ns)	PIN-PACKAGE	PRICE† (\$)
DS1110-	4.75 to 5.25	50, 60, 75, 80, 100, 125, 150, 175, 200,	14-DIP*	4.29
DS1110S-	4.75 to 5.25		16-SO	4.29
DS1110E-	4.75 to 5.25	250, 300, 350, 400, 450, 500	14-TSSOP	4.00
DS1110LE-	2.7 to 3.6		14-TSSOP	4.35

*Not recommended for new designs.

†1000-up recommended resale, FOB USA. Prices provided are for design guidance and are for the lowest grade, commercial temperature parts. International prices will differ due to local duties, taxes, and exchange rates. Prices are subject to change. Not all packages are offered in 1k increments, and some may require minimum order quantities.



FREE System Timing & Control Design Guide—Sent Within 24 Hours!
Includes: Reply Cards for Free Samples and Data Sheets

CALL TOLL-FREE 1-800-998-8800 for a Design Guide or Free Sample
6:00 a.m. – 6:00 p.m. Pacific Time



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