

DS9643/μA9643 Dual TTL to MOS/CCD Driver

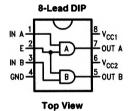
General Description

The DS9643/ μ A9643 is a dual positive logic "AND" TTL-to-MOS driver. The DS9643/ μ A9643 is a functional replacement for the SN75322 with one important exception: the two external PNP transistors are no longer needed for operation. The DS9643/ μ A9643 is also a functional replacement for the 75363 with the important exception that the V_{CC3} supply is not needed. The lead connections normally used for the external PNP transistors are purposely not internally connected to the DS9643/ μ A9643.

Features

- Satisfies CCD memory and delay line requirements
- Dual positive logic TTL to MOS driver
- Operates from standard bipolar and MOS supply voltages
- High speed switching
- TTL and DTL compatible inputs
- Separate drivers address inputs with common strobe
- V_{OH} and V_{OL} compatible with popular MOS RAMs
- Does not require external PNP transistors or V_{CC3}
- V_{OH} minimum is V_{CC2} 0.5V

Connection Diagram



TL/F/9646-1

Order Number DS9643TC/µA9643TC See NS Package Number N08E

Truth Table

Input	Enable	Output
L	L	L
L	н	L
н	L	L
Н	н	Н