The Device is a monolithic integrated high voltage, high current four channel driver designed to accept standard DTL or TTL logic levels and drive inductive loads (such as relays, solenoids, DC and stepping motors) and switching power transistors.

To simplify use as two bridges, each pair of channels is equipped with an enable input. A separate supply input is provided for the logic, allowing operation at a lower voltage. Internal clamp diodes are included.

This device is suitable for use in switching applications at frequencies up to 5 kHz.

The L293D is assembled in a 16 lead plastic package which has 4 center pins connected together and used for heatsinking.

The L293DD is assembled in a 20 lead surface mount which has 8 center pins connected together and used for heatsinking.

ORDERING NUMBERS:
L293DD
L293D