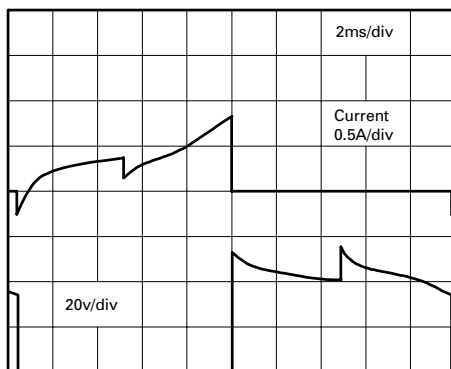
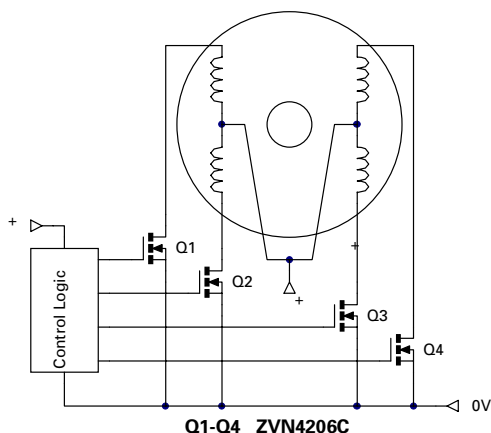


Printer Stepper Motor Drivers



Many modern printers employ a number of stepper motors to drive the various print and transport mechanisms.

Direct logic drive and high load currents prompt manufacturers to use expensive and bulky TO220 or TO126 Darlington transistors in these circuits. In many cases devices that are needlessly overrated for this application.

The ZVN4206C MOSFET is the perfect drop-in replacement for these parts. This centre drain TO92 style MOSFET will

handle peak currents of up to 8A and being characterised for 5V gate drive, can be directly driven from most logic families.

The inherent body diode and BV_{DSS} of 60V permit operation without additional transient protection or dV/dt shaping.

The ZVN4206 is also available in SOT223 as the ZVN4206G.