

CIRCUIT FOR SENSING MOTOR LOAD CURRENTABSTRACT OF THE DISCLOSURE

A current sensing circuit includes a resistive shunt adapted to be coupled, at its one end, to the junction of a half bridge, high-side, low-side transistor pair and, at its other end, to a load such that a sensed voltage across the shunt is proportional to the current delivered to the load; and a level shifting circuit adapted to transpose a reference point of the sensed voltage to a lower potential node in the circuit such that a feedback voltage is produced from the sensed voltage which may be used to control commutation of the half bridge transistors.

Fig.4