

STEP MOTOR DRIVE CIRCUIT AND ANALOG ELECTRONIC TIMEPIECE

Abstract

To be able to supply a large drive current to a motor and to be able to downsize the motor. In driving to rotate a motor, a first drive cycle of driving transistors to an ON state and driving transistors to an OFF state, and a second drive cycle of driving the transistors to the ON state and driving the transistors to the OFF state are carried out alternately, and in braking the motor provided at an interval between times of driving to rotate the motor, the transistors are driven to the ON state, the transistors are driven to the OFF state. A large drive current is made to be able to supply to the motor and the motor is made to be able to be downsized by using the transistors for driving the motor and for electrostatic resistance.

Fig. 2