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DRIVE CIRCUITS FOR A MAGNETIC RECORDING DEVICE

ABSTRACT

A drive circuit (151) for a magnetic recording device is provided in which the stray capacitance and stray inductance of the peripheral wiring of the drive circuit (151) is reduced. The drive circuit (151) contains a write driver (18), a read preamplifier (22), a write predriver (19), a read postamplifier (23), and a current signal detecting circuit (20). The read preamplifier (22) supplies a bias current to a read magnetic head (3) to sense information stored on the magnetic disk and amplifies the information as output data. The write predriver (19) inputs a write data signal via a data signal line and a write mode signal and supplies the write data to the write driver (18) based on the write mode signal. The current signal detecting circuit (20) inputs an external current setting signal via the data signal line and generates a current value signal based on the external current setting signal.

Fig 2a

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