

# THREE-DIRECTIONAL STABILITY INFORMATION HOLDING CIRCUIT

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Abstract of JP4208708

## PURPOSE:

To give the three-directional stability and the function of a bidirectional stable circuit by constituting such circuit that it is symmetrical with respect to the point of a power source.

## CONSTITUTION:

When an input signal voltage is applied, a transistor TR 7 is turned on, and the voltage of an output terminal 4 is to 0V. An input terminal 2 goes to 0V through electric resistances 13 and 17, and an input terminal 3 goes to 0V through a diode 20 and an electric resistance 18, and TRs 8 and 9 are turned off, and output terminals 5 and 6 go to 5V. Though 5V input signal voltage applied to an input terminal 1 is opened thereafter, the output terminal 4 is kept at 0V and output terminals 5 and 6 are kept at 5V because the input terminal 1 keeps 5V through electric resistances 12, 15, and 16 by a power source 22.

