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ABSTRACT OF DISCLOSURE

It is an object of the invention to reduce noise superposed on a driving voltage of a semiconductor device and a clock signal on a transmission line. It is a further object of the invention to equalize transmission distances of signal lines in a transmission line provided between the semiconductor devices. It is a still further object of the invention to provide a electronic device, which composed of a microprocessor unit, a semiconductor device - controlling equipment and plural semiconductor devices according to the invention, each being mounted on a printed circuit board having plural bus channel lines with an equal transmission distance. In the semiconductor device of LOC structure, the leads in the outside of the package positioned at the left side and those at the right side are shifted from each other by a half pitch of the leads. A metallic film for shielding a semiconductor chip from electromagnetic wave is set close to leads.

(Figure 1)

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