

Notification about the transfer of the semiconductor business

The semiconductor business of Panasonic Corporation was transferred on September 1, 2020 to Nuvoton Technology Corporation (hereinafter referred to as "Nuvoton"). Accordingly, Panasonic Semiconductor Solutions Co., Ltd. became under the umbrella of the Nuvoton Group, with the new name of Nuvoton Technology Corporation Japan (hereinafter referred to as "NTCJ").

In accordance with this transfer, semiconductor products will be handled as NTCJ-made products after September 1, 2020. However, such products will be continuously sold through Panasonic Corporation.

Publisher of this Document is NTCJ.

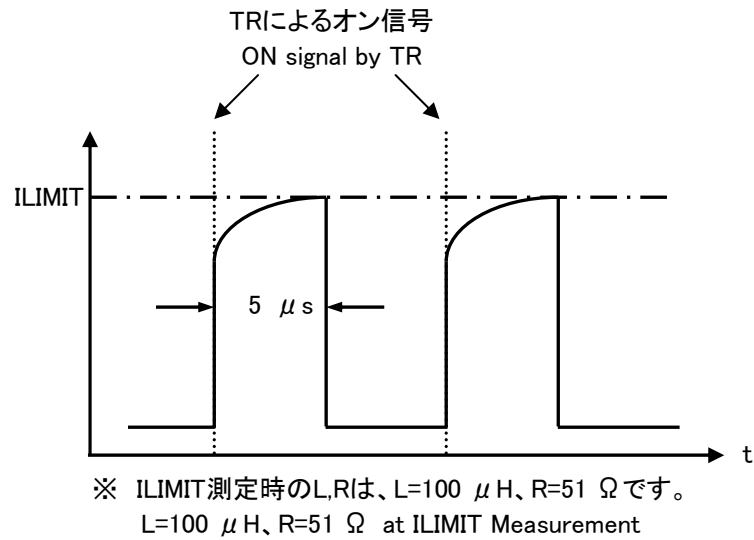
If you would find description "Panasonic" or "Panasonic semiconductor solutions", please replace it with NTCJ.

※ Except below description page

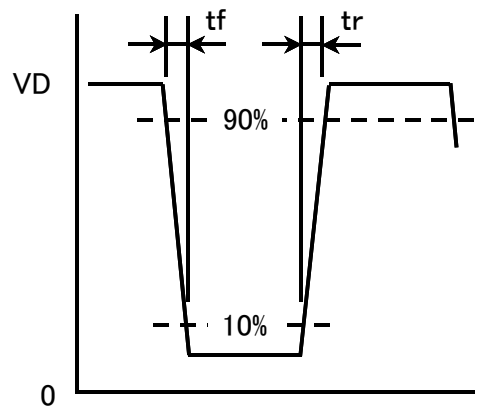
"Request for your special attention and precautions in using the technical information and semiconductors described in this book"

Nuvoton Technology Corporation Japan

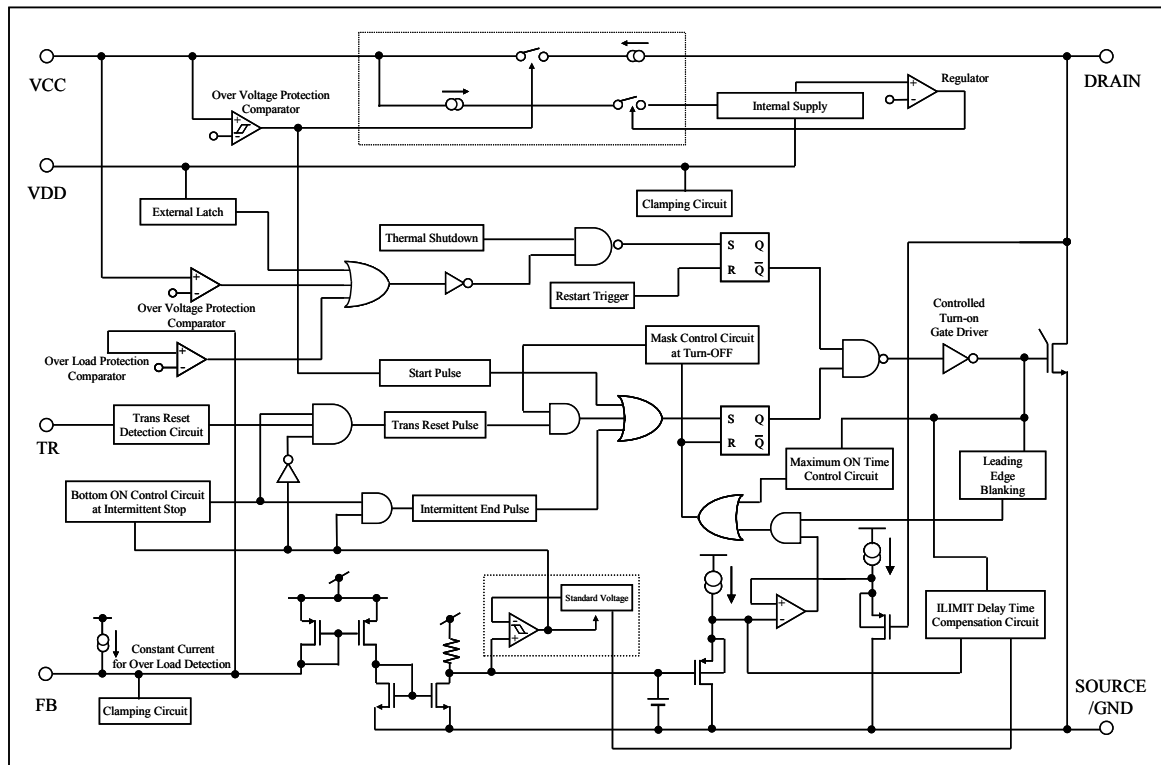
【Figure 2: ILIMIT 測定/ILIMIT Measurement】



【Figure 3: tr、tf 測定/tr、tf Measurement】



【Fig. 4:ブロック図/Block Diagram】



【使用上の注意1/Precautions for Use 1】

VDD-SOURCE 間には、必ず端子のすぐ近くに(0.1 μ F 以上の)セラミックコンデンサを接続して下さい。
Connect a Ceramic Capacitor(over 0.1 μ F) between VDD and SOURCE.

【使用上の注意2/Precautions for Use 2】

VCC 端子に接続する電解コンデンサのオープン試験に対する二次側出力上昇の保護として、VCC-SOURCE 間に 0.1 μ F 以上のセラミックコンデンサを接続することを推奨します。
Connect a ceramic capacitor over 0.1 μ F between VCC and SOURCE. As protection of a secondary side OUTPUT rise against the open test of the electrolytic capacitor connected to VCC pin

【使用上の注意3/Precautions for Use】

以下のような使用条件では、IPDが破損し、場合によっては破裂、発煙の可能性があります。以下の使用は避けてください。
IPD has danger of breaking-down, and then bursting or getting off smoke under the use of the following conditions.
Do not use at such conditions.

- (1) DRAIN 端子と VDD 端子を逆にして、電源基板へ挿入する。
Reverse the DRAIN pin and VDD pin connection to the power supply board.
- (2) DRAIN 端子と VDD 端子をショートする。 / DRAIN pin short to VDD pin.
- (3) DRAIN端子と FB 端子をショートする。 / DRAIN pin short to FB pin.
- (4) DRAIN端子と TR 端子をショートする。 / DRAIN pin short to TR pin.
- (5) DRAIN端子と VCC 端子をショートする。 / DRAIN pin short to VCC pin.
- (6) VCC 端子と VDD 端子をショートする。 / VCC pin short to VDD pin.
- (7) VCC 端子と FB 端子をショートする。 / VCC pin short to FB pin.
- (8) VCC 端子と TR 端子をショートする。 / VCC pin short to TR pin.

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When using products for which damp-proof packing is required, satisfy the conditions, such as shelf life and the elapsed time since first opening the packages.
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