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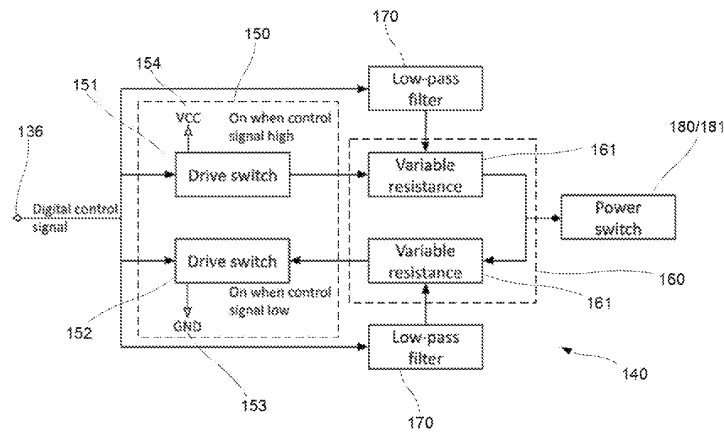
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(54) Title: LED DRIVER AND METHOD FOR DRIVING AN LED

Fig. 16



(57) Abstract: An LED, Light Emitting Diode, driver (100), comprising a binary control signal source, arranged to provide a binary control signal based on a repeated control signal pattern having a time-averaged value; a first-channel electric driver output (182'), arranged to provide a drive current based on the binary control signal to drive an LED (10); a power transistor (181), having a power transistor control terminal (181a); and a drive circuitry (140), connected to the power transistor control terminal (181a), the drive circuitry (140) comprising a switch (150), arranged to provide an electric coupling between the power transistor control terminal (181a) to either a low voltage (153) or a high voltage (154) in dependence of an instantaneous low value or high value of the binary control signal, the drive circuitry (140) further comprising a variable resistance part (160), arranged to provide a variable resistance along the electric coupling, the variable resistance varying with a time-averaged value of the binary control signal.

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