



Full-Bridge Controller IC for HID Automotive Lighting

UBA2036TS

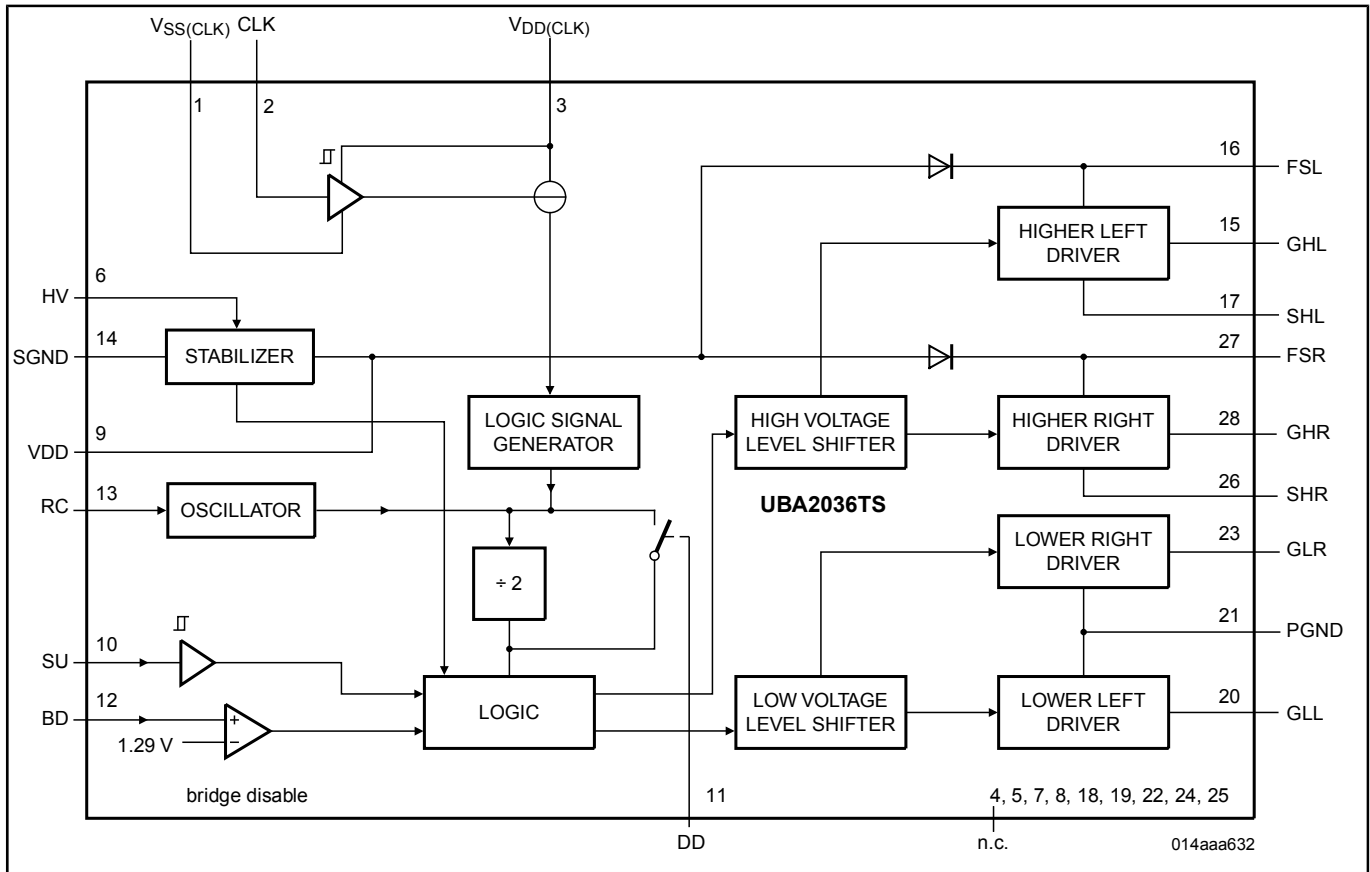
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The UBA2036TS is a high voltage monolithic integrated circuit (IC) manufactured in a High Voltage Silicon On Insulator (HVSOI) process. This circuit is designed for driving MOSFETs in a full bridge configuration. In addition, it features a disable function, an internal adjustable oscillator and an external clock input function with a high-voltage level shifter for driving the bridge. To guarantee an accurate 50% duty cycle, the oscillator signal can be passed through a divider before being fed to the output drivers. The UBA2036TS is especially suitable for High Intensity Discharge (HID) lamp drivers for car headlights, projectors and general lighting applications.

UBA2036TS Block Diagram



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