W66880CF

VFD CONTROLLER/DRIVER

GENERAL DESCRIPTION

The W66880CF is a VFD (Vacuum Fluorescent Display) controller/ driver. It can be programmed to drive a VFD with 4 grids by 16 segments to 8 grids by 14 segments. The W66880CF also includes a 24-key key scan circuit and four LED ports and four general purpose input ports. Data communication with the W66880CF is via a serial interface.

- High voltage output (V_{DD} - V_{EE} = 30V max)
- Four 15 mA LED ports
- Four general-purpose input port
- Internal driver output pull-down resisters
- Only one external resister is needed for the on chip oscillator
- Simple serial interface
- 44-pin plastic QFP package

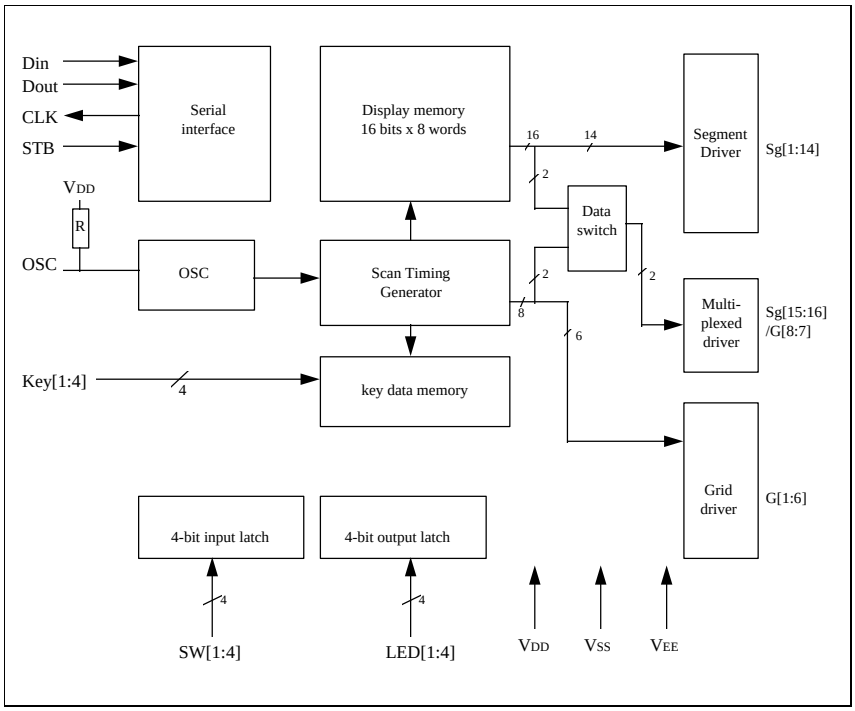
FEATURES

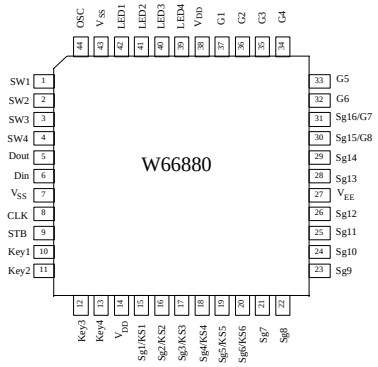
- Flexible display modes (4 to 8 grids)
  - 4 grids × 16 segments to 8 grids × 14 segments
- 6 × 4 matrix key scanning
- 8 steps dimming circuit

APPLICATIONS

VFD display driving and panel function control

Functional Block
Pin Configuration





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