

LCD Driver IC With Key Input Function**PT6532**

DESCRIPTION

PT6532 is an LCD Driver IC and have 8 bit x 4 channel A/D converter. It can drive up to 256 segments and up to 4 general purpose output ports. The reset circuit provides on-chip voltage detection making it possible to prevent incorrect displays. Pin assignments and application circuit are optimized for easy PCB layout and cost saving advantages.

FEATURES

- Up to 256 Segments Outputs
- 1/8 Duty - 1/4 Bias Drive Techniques
- Up to 4 General Purpose Output Ports
- Segments OFF Function
- Direct Display of Display Data without using a Decoder
- On-Chip Voltage-Detection Type Reset Circuit
- RC Oscillation Circuit
- Logic Power Supply: 2.7V ~ 6V
- LCD Power Supply: 2.7V ~ 6V
- 8 bit x 4 channels A/D Converter
- Available in 52 pin QFP package

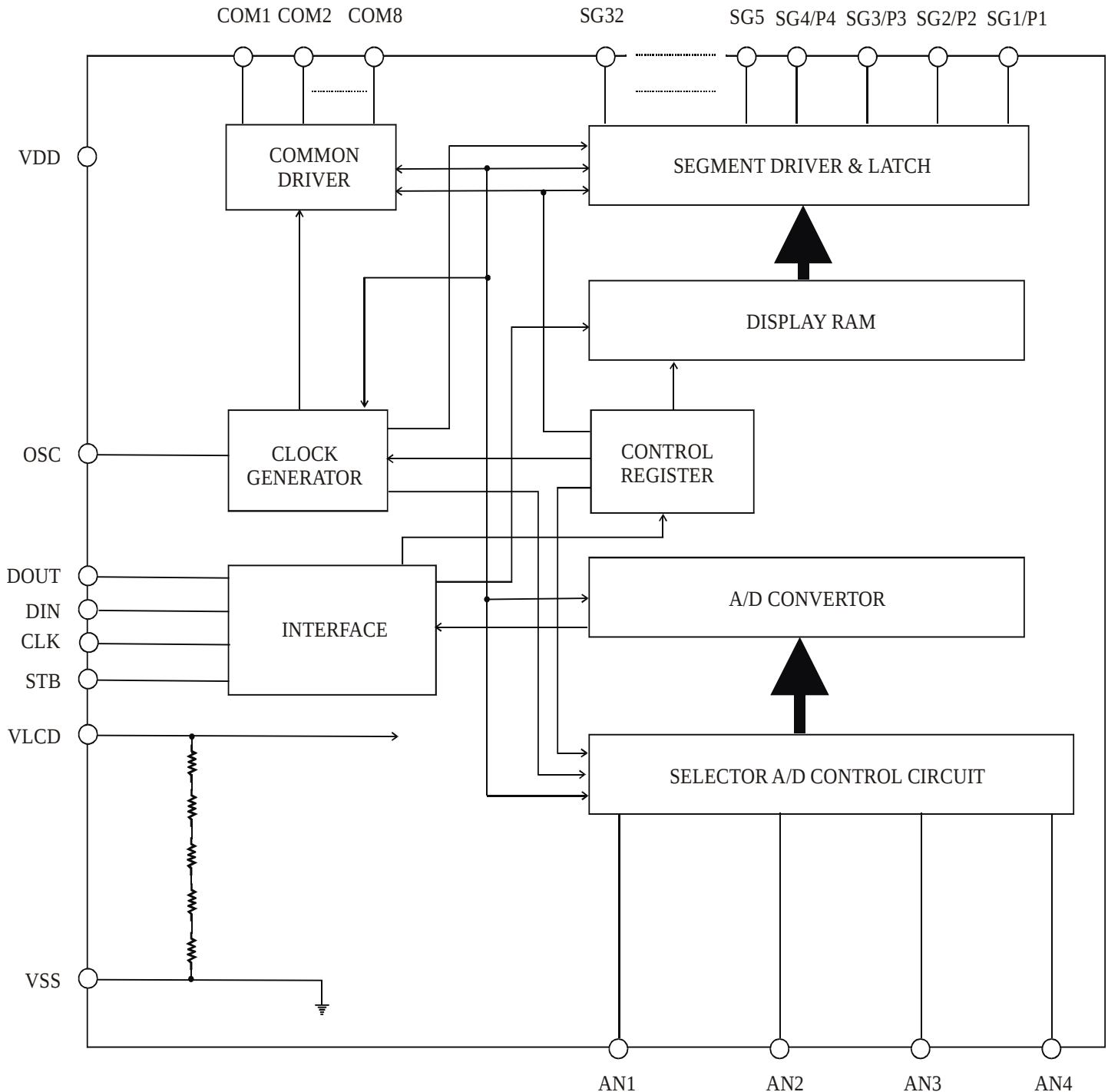
APPLICATIONS

- Electronic Dictionary/Translator
- P.O.S.
- Information Appliance
- Pager
- Electronic Equipment with LCD Display

LCD Driver IC With Key Input Function

PT6532

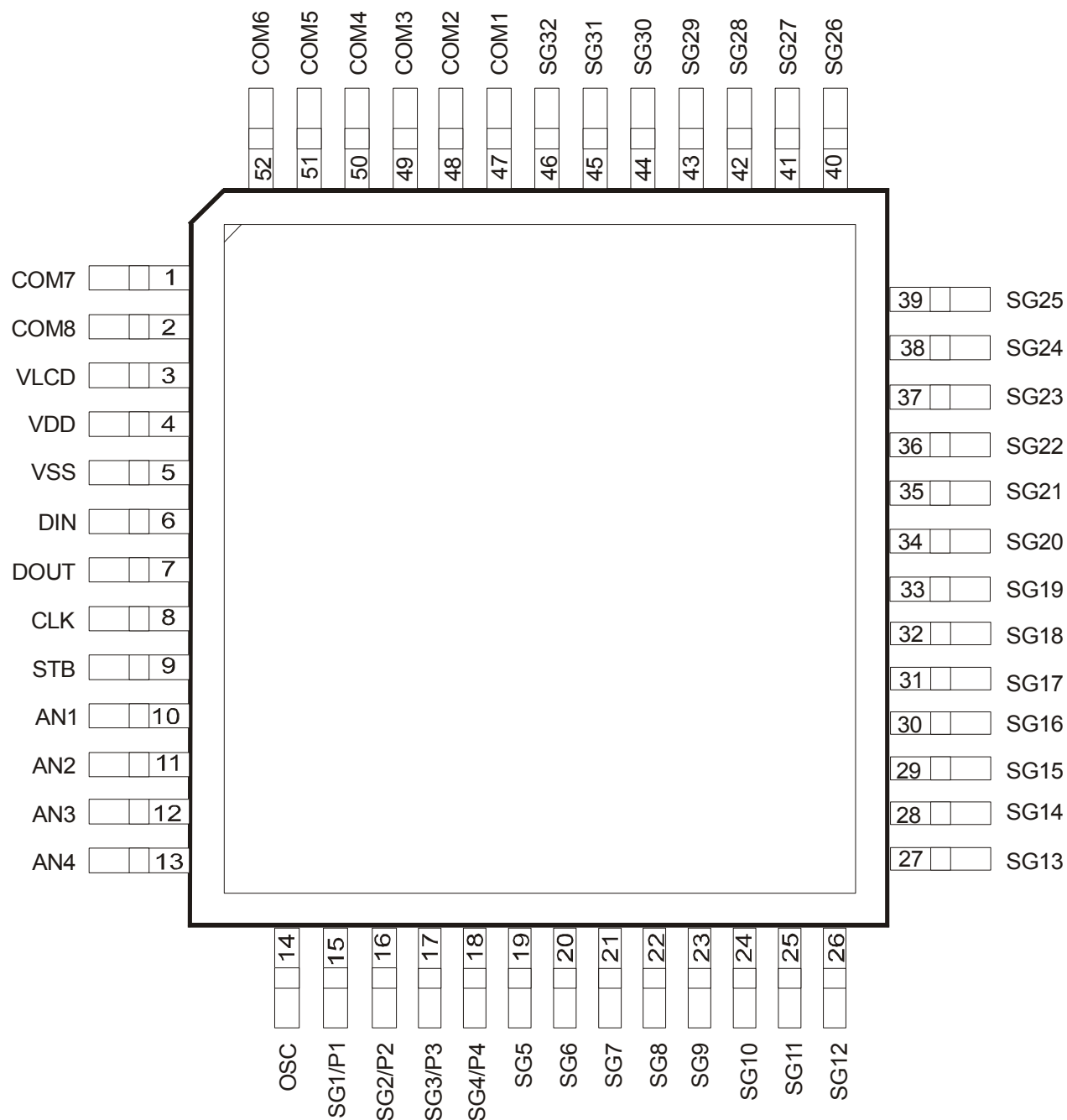
BLOCK DIAGRAM



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PIN CONFIGURATION

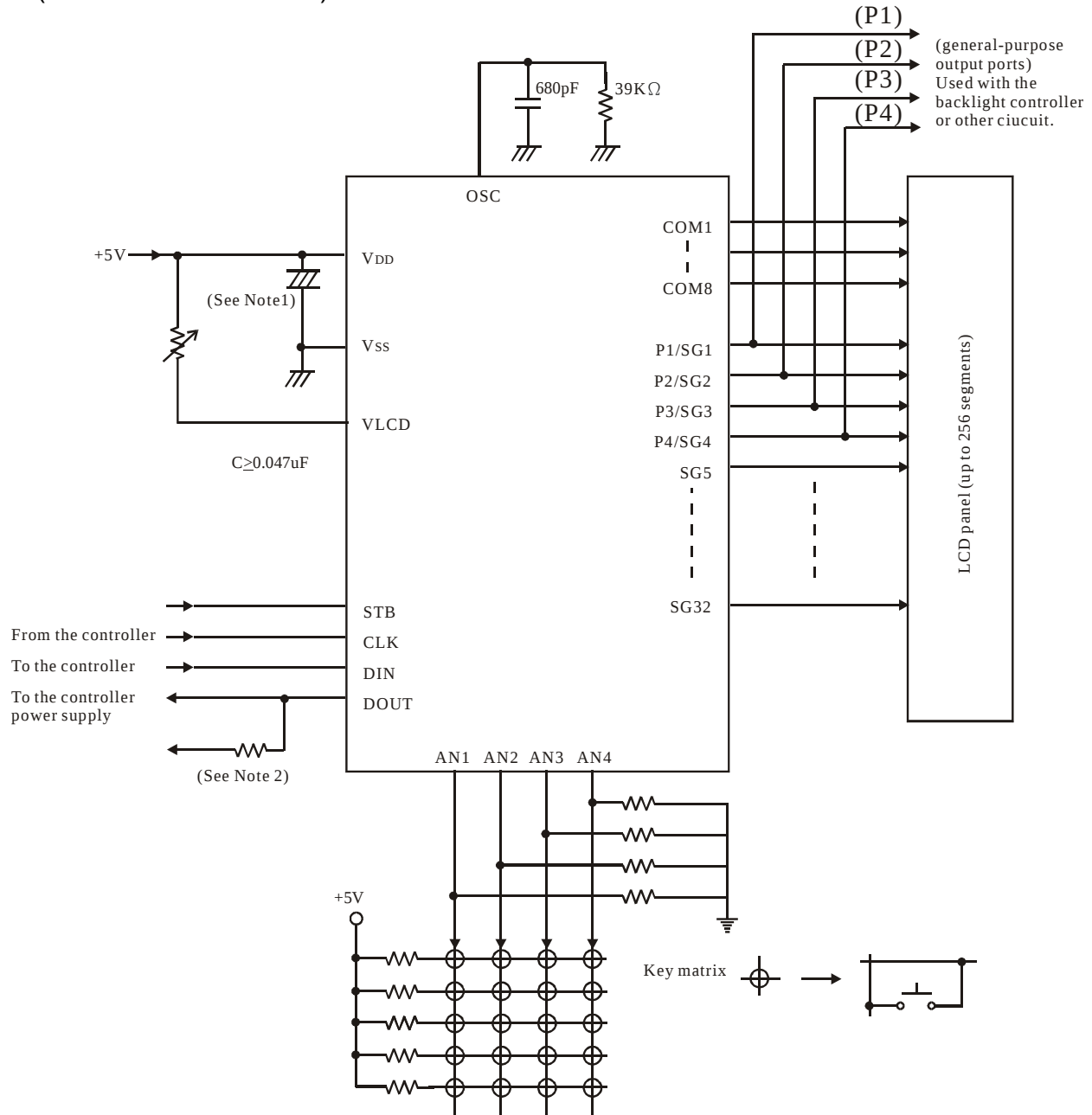


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APPLICATION CIRCUIT

1/4 Bias (For Normal Panel Use)



Notes:

1. Connect a capacitor to the power supply line so that the when the PT6532 is reset by the VDET, the power supply VDD rise time when power is applied and the power supply voltage VDD fall time when power drops are both at least 1ms.
2. Since the DOUT pin is an open drain output, it needs a pull-up resistor (1KΩ to 10KΩ) which is appropriate for the capacitance of the external wiring so that the waveforms are not degraded.

ORDER INFORMATION

Order Part Number	Package Type	Top Code
PT6532	52 Pin QFP package	PT6532