



DESCRIPTION

PT6563 is a Dot Matrix STN Liquid Crystal Display (LCD) Driver utilizing CMOS Technology. It can drive up to 240/320 Segment Outputs depending on the switching output mode. It operates at a low voltage: a liquid crystal drive voltage of 5V and a logic drive voltage of 3V. Pin assignments and application circuit are optimized for easy PCB Layout and cost saving advantages.

FEATURES

- CMOS Technology
- Low Power Consumption
- Up to a Maximum of 1/240 Display Duty
- Liquid Crystal Drive Voltage: 2.6 to 5.5 V
- 320 Liquid Crystal Drive Circuits
- Operating Voltage: 2.5 to 5.5V
- 4 or 8 Data Bits
- Shift Clock Speed: 8MHz max. at 5V
- 6.5MHz max at 3V
- Low Power Consumption
- Switching Output Mode: 320-Output Mode
- : 240-Output Mode
- Display-OFF Function
- Standby Function
- Automatic Generation of Chip-Enable Signals
- Available in C.O.G. Package

APPLICATION

- LCD Display Panels



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320-Channel Low Voltage Segment Driver IC

PRELIMINARY REFERENCE

PT6563

ORDER INFORMATION

Valid Part Number	Package
PT6563-G	469 pins, C.O.G..