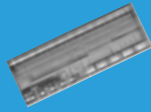


Segment Drivers

1/4 Duty LCD Driver

NJU6437

DATA SHEET



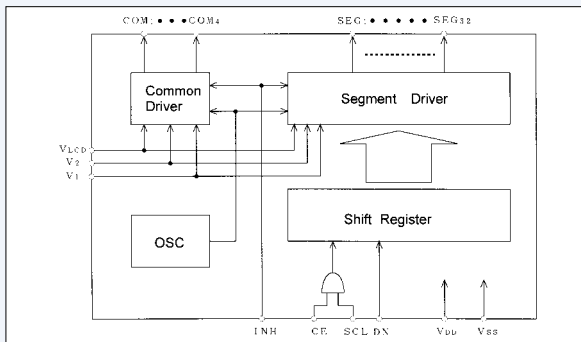
■ GENERAL DESCRIPTION

The NJU6437 is a 1/4 duty LCD driver for segment type LCD panel. The LCD driver consists of 4-common and 32-segment drivers up to 128-segment totally.

■ FEATURES

- 32-segment drivers
- Duty ratio : 1/4duty (1/3 bias)
- 3-wire serial Interface
- Serial data transmission (shift clock 2MHz max.)
- Display-off function (INH terminal)
- Operating voltage : 2.4V to 5.5V
- LCD driver voltage : 6.0V max.
- Package outline : TCP/Bump-Chip (Rectangle outlook for COG)

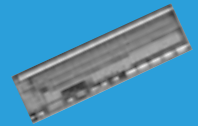
■ BLOCK DIAGRAM



1/4 Duty I²C-Bus LCD Driver

NJU6438

DATA SHEET



■ GENERAL DESCRIPTION

The NJU6438 is a 1/4 duty LCD driver for segment type LCD panel. The LCD driver consists of 4-common and 40-segment drivers up to 160-segment totally.

■ FEATURES

- 40-segment drivers
 - Duty ratio : 1/4duty (1/3 bias)
 - Serial interface : I²C interface*
 - Display-off function (INH terminal, ON/OFF)
 - Operating voltage : 2.4V to 3.6V
 - LCD driver voltage : 6.0V max.
 - Package outline : Bump-Chip (Rectangle outlook for COG)
- *Purchase of I²C components of New Japan Radio Co.,Ltd or one of its sublicensed Associated Companies conveys a license under the Philips I²C Patent Rights to use these components in an I²C system conforms to the I²C Standard Specification as defined by Philips.

■ BLOCK DIAGRAM

