



Product Overview

LC75806PTS-T: LCD Driver, 1/4 and 1/3 Duty, with Key Input

For complete documentation, see the data sheet

Product Description

The LC75806PTS-T is 1/4 duty and 1/3 duty LCD display driver that can directly drive up to 304 segments and can control up to 9 general-purpose output ports. This product also incorporates a key scan circuit that accepts input from up to 30 keys to reduce printed circuit board wiring.

Features

- Key input function for up to 30 keys (A key scan is performed only when a key is pressed)
- 1/4 duty 1/3 bias and 1/3 duty 1/3 bias drive schemes can be controlled from serial data.
- Capable of driving up to 304 segments using 1/4 duty and up to 231 segments using 1/3 duty.
- Switching between key scan output and segment output can be controlled from serial data.
- The key scan operation enabled/disabled state can be controlled from serial data.
- Wide range of operating temperature: -40 to +105 [°C]

Applications	End Products
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| <ul style="list-style-type: none">• LCD panel for car and home general-purpose display | <ul style="list-style-type: none">• Car audio• Car air conditioner (HVAC)• Industrial instruments |
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For more information please contact your local sales support at www.onsemi.com

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